

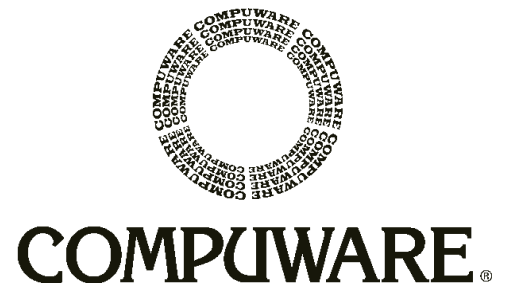
# Enterprise Common Components

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## Messages and Codes

### MVS Version

Release 1.5



Please direct questions about Enterprise Common Components  
or comments on this document to:

**Enterprise Common Components Technical Support**

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Farmington Hills, MI 48334-2564  
**1-800-538-7822**

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your local Compuware office or agent.

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# Introduction

This manual contains messages and codes for all of the components of Enterprise Common Components (ECC).

Enterprise Common Components is a packaging method for the following Compuware facilities:

- License Management System (LMS)
- Compuware Shared Services (CSS)
- Distributed Viewing Support (DVS)
- Host Communications Interface (Base Services/HCI).

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## Manual Structure

This *Enterprise Common Components Messages and Codes Guide* is composed of the following chapters:

- Chapter 1, “Installation Error Messages”: The installation return codes and messages issued by the CSS and LMS components of ECC.
- Chapter 2, “License Management System Messages and Codes”: The return codes and messages issued by the License Management program and World-Wide License Management.
- Chapter 3, “Compuware Shared Services Error Messages”: The return codes and messages issued by the CSS component of ECC, including the batch utilities, DDIO, and the language processors.
- Chapter 4, “Host Communications Interface Base Services/HCI Error Messages”: The return codes and messages issued by the Base Services/HCI component of ECC.

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## Intended Audience

This manual is intended for installers and application programmers. It is only applicable for the MVS/XA, MVS/ESA, and OS/390 versions of Compuware products.

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## Related Publications

For more information about LMS, CSS, or DVS refer to the Compuware documentation shipped with the ECC tape. Instructions for accessing this documentation are given in the following paragraphs. For more information on compiling COBOL, PL/I, or Assembler programs, refer to the appropriate IBM manuals.

## FrontLine Support Web Site

You can access online technical support for Compuware products via our FrontLine support web site. You can read or download documentation, frequently asked questions, and product fixes, or directly e-mail Compuware with questions or comments. To access

FrontLine, you must first register and obtain a password at <http://frontline.compuware.com>.

## Online Documentation

Documentation for this product is provided on CD-ROM in several electronic formats. PDF files can be viewed with the free Adobe Acrobat Reader, available at <http://www.adobe.com>. HTML files can be viewed with any standard web browser. BookManager softcopy files can be viewed with any version of IBM BookManager READ or the IBM Softcopy Reader. To learn more about BookManager or download the free Softcopy Reader, go to <http://booksrv2.raleigh.ibm.com>.

## World Wide Web

Compuware's site on the World Wide Web provides information about Compuware and its products. The address is <http://www.compuware.com>.

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## Notation Conventions

This section describes common terms and syntax conventions used in this manual. A change bar (|) indicates an update to the manual for this release.

## Terminology

The following terms are defined as they are used in this manual:

- **DDIO file** is used generically to mean any report file for Abend-AID, any source listing file for Abend-AID, CICS Abend-AID/FX, XPEDITER/CICS, and XPEDITER/TSO, and any shared directory or transaction report file for CICS Abend-AID/FX.
- **Member** is used to identify an individualabend report in a report file, a source listing in a source listing file, or a profile in a profile file.
- **Entry** is used to identify an individual transactionabend report in a transaction report file for CICS Abend-AID/FX.

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## Getting Help

Compuware continually strives to improve our software products and documentation. Feedback from our customers helps us to maintain our quality standards.

While the software should execute according to documented specifications, there are times when problems do occur. If problems arise, check the Compuware manuals for assistance. You may also need to consult your site's technical representative for Compuware assistance. Technical support is also available via our FrontLine Support web site as described in "Related Publications" on page ix.

If you have attempted to solve the problem using the resources listed above and the difficulty persists, contact the Compuware Technical Support Hotline for assistance.

Before calling, please complete the following steps. These steps help the Technical Support staff to determine the exact cause of your problem in a timely manner.

**Note:** If a CSS problem is encountered when your program is being compiled, additional information may be needed by Compuware Technical Support staff. This information can be obtained using the CSS Problem Documentation Utility. Refer

to Problem Documentation Utility appendix in the *Compuware Shared Services User/Reference Guide* for complete instructions.

1. Identify the ECC component (LMS, CSS, DVS) release number and its maintenance level from the runtime and maintenance libraries.

The release number of each component can be determined using the xxLPTFS member, available in the installation sample library.

**Note:** xx represents the component prefix (CS for CSS, DV for DVS, or LM for LMS).

This member also lists any PTFs and/or APARs that have been applied.

2. Determine the release number of the ECC-enabled product.
3. For CSS components, identify the compiler language and the release number being processed.
4. Identify the release of CICS in use if the problem involves a CICS product.
5. Identify the release of the operating system. This helps to determine operating system dependencies.
6. If an abend occurs, note the displacement and the module in which the interrupt occurs.
7. Note the sequence of issued commands that resulted in the abend, the data type, and the programming language being used.
8. Locate your Compuware customer number.

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# Chapter 1.

## Installation Error Messages

This chapter explains the return codes and messages issued by the installation process for the CSS and LMS components of ECC.

Messages that might be encountered during the SMP/E install of ECC are listed in “Installation JCL Customization Facility Messages”.

Compuware/VF Link messages are described in the following sections:

- “Compuware/VF Link to File-AID/MVS Error Messages” on page 1-2
- “Compuware/VF Link to File-AID for DB2” on page 1-3
- “Compuware/VF Link to File-AID for IMS” on page 1-4.

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## Installation JCL Customization Facility Messages

This section describes error messages from the Installation JCL Customization Facility. The JCL Customization Facility allows you to build the jobs necessary to install Enterprise Common Components (ECC) in SMP/E format.

**ECCI001 The dataset name this REXX EXEC 'xxxxxxx' is being invoked from cannot be automatically determined.**

**Explanation:** The function within REXX that allows you to determine the dataset name where this EXEC resides is not functioning.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** You can manually specify the installation dataset name. Update member ECCINST in the installation sample library and set variable INSTLIB (in the beginning of the member) to the dataset name of the installation sample library.

**ECCI002 Do not invoke this REXX EXEC 'xxxxxxx' by installing it within your SYPROC DD. Please execute it via "TSO EX 'DSN(ECCINST)'"**

**Explanation:** In the determination of the dataset name where this REXX EXEC resides, it was found that this EXEC was invoked from a dataset in your SYSPROC DD concatenation. This is not allowed because the exact dataset name is required in order for this EXEC to function.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** Execute the EXEC by typing: TSO EX 'DSN(ECCINST)' where DSN is the name of the dataset where ECCINST resides.

**ECCI003 ECCINST must be run in an ISPF environment. Please start ISPF prior to running ECCINST.**

**Explanation:** ISPF is required for processing the panels used for the Installation JCL Customization process.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** Start ISPF before running this REXX EXEC.

**ECCI004 The specified installation dataset xxxxxx.xxxxxx.xxxxxx could not be located. Please verify the dataset name and try again.**

**Explanation:** The installation library dataset, probably specified by manual override, could not be located.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** You can manually specify the installation dataset name. Update member ECCINST in the installation sample library and set variable INSTLIB (in the beginning of the member) to the dataset name of the installation sample library.

**ECCI005 The specified installation dataset xxxxxx.xxxxxx.xxxxxx does not contain the REXX EXEC 'ECCINST'. Please verify the dataset name and try again.**

**Explanation:** The installation library dataset, probably specified by manual override, does not contain a complete copy of the installation library dataset. Some members are missing.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** Please verify and correct the installation library dataset name. Ensure that it has been copied correctly from the SMP/E or maintenance installation tape.

**ECCI006 The specified installation dataset xxxxxx.xxxxxx.xxxxxx is invalid. Please verify the dataset name and try again.**

**Explanation:** The installation library dataset, probably specified by manual override, is not accessible by you, or the name specified is not in valid dataset name format.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** You can manually specify the installation dataset name. Update member ECCINST in the installation sample library and set variable INSTLIB (in the beginning of the member) to the dataset name of the installation sample library.

**ECCI007 The specified installation dataset xxxxxx.xxxxxx.xxxxxx does not contain the REXX EXEC 'ECCBUILD'. Please verify the dataset name and try again.**

**Explanation:** The installation library dataset, probably specified by manual override, does not contain a complete copy of the installation library dataset. Some members are missing. xxxxxxxx is a variable name for the missing module.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** Please verify and correct the installation library dataset name. Ensure that it has been copied correctly from the SMP/E installation or maintenance tape.

**ECCI101 ECCBUILD must be run in an ISPF environment. Please start ISPF prior to running ECCINST.**

**Explanation:** ISPF is required for processing the panels used for the Installation JCL Customization process.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** If you have ISPF, please start it before running this REXX EXEC.

**ECCI102 A fatal I/O error has occurred. Please correct the problem and try again.**

**Explanation:** An I/O error occurred while processing this REXX EXEC, possibly due to not having WRITE access to the installation library dataset. It could also be caused by a hardware error.

**System Action:** The Installation JCL Customization Facility terminates.

**User Response:** Correct the error and re-run the REXX EXEC.

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## Compuware/VF Link to File-AID/MVS Error Messages

Table 1-1 on page 1-2 describes error messages that could appear when attempting to access File-AID/MVS from Compuware/VF. When an error occurs, a brief message appears in the upper right corner of the screen. To display a complete description of the error, press PF1.

**Table 1-1.** Compuware/VF Link to File-AID/MVS Error Messages

Error Message	Pressing PF1 Displays	Explanation/Suggested Remedy
FILE-AID ERROR	Error message is issued from File-AID, and varies dependent upon the error	See the File-AID/MVS documentation.

**Table 1-1.** Compuware/VF Link to File-AID/MVS Error Messages

Error Message	Pressing PF1 Displays	Explanation/Suggested Remedy
INCOMPATIBLE REPORT	The Abend-AID report was created with an older release of Abend-AID.	Check your Abend-AID release level. Reports must be created with Abend-AID 9.1 or later in order to be compatible with the Compuware/VF link to File-AID/MVS.
INTERFACE UNAVAILABLE	File-AID cannot be invoked due to missing libraries or unsupported release.	Ensure that File-AID/MVS 8.5 or later is installed and that the File-AID/MVS libraries are allocated at TSO logon.
INVALID BROWSE/EDIT	Cannot use File-AID to browse or edit JES spool files.	To access File-AID, select another file type.
NO FILES AVAILABLE	No files were available for File-AID edit or browse.	The abending program did not have any files open at the time of theabend.
STORAGE ERROR	Storage error while trying to invoke File-AID.	Contact Compuware Technical Support.

## Compuware/VF Link to File-AID for DB2

Table 1-2 describes error messages that could appear when attempting to access File-AID for DB2 from Compuware/VF. When an error occurs, a brief message appears in the upper right corner of the screen. To display a complete description of the error, press PF1.

**Table 1-2.** Compuware/VF Link to File-AID for DB2

Error Message	Pressing PF1 Displays	Explanation/Suggested Remedy
File-AID DB2 unavailable	File-AID DB2 is either not installed, or product libraries are not available. See CSS CLIST CWVFDB2 for setup of the File-AID DB2 interface.	Ensure that File-AID for DB2 V3R9 or later is installed and that the CWVFDB2 CLIST has been customized to reflect your File-AID for DB2 CLIST library name.
File-AID DB2 ALTLIB error	File-AID DB2 is either not installed, or product libraries are not available. See CSS CLIST CWVFDB2 for setup of the File-AID DB2 interface.	Ensure that File-AID for DB2 V3R9 or later is installed and that the CWVFDB2 CLIST has been customized to reflect your File-AID for DB2 CLIST library name.
File-AID DB2 CLIST error	File-AID DB2 interface CLIST library, &FADB2CL not found. See CSS CLIST CWVFDB2 for setup of the File-AID DB2 interface.	Ensure that the File-AID for DB2 installation requirements have been met. Installation instructions are available in CLIST CWVFDB2 in the CSS installation sample library and in the <i>ECC Installation and Customization Guide</i> .
Browse/Edit error	The ABEND must have been captured with an Abend-AID release of 9.1 or higher to utilize the CW/VF File-AID DB2 interface.	Check your Abend-AID release level. Reports must be created with Abend-AID 9.1 or later in order to be compatible with the Compuware/VF link to File-AID for DB2.
FA/DB2 interface error	An error has occurred in CW/VF interface to File-AID DB2.	Contact Compuware Technical Support.
Use S/E/B line commands	S=select E=edit B=browse are the valid line commands.	Ensure that you are entering one of the following line commands: <ul style="list-style-type: none"> <li>• S -- Select</li> <li>• E -- Edit</li> <li>• B -- Browse</li> </ul>

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## Compuware/VF Link to File-AID for IMS

Table 1-3 on page 1-4 describes error messages that could appear when attempting to access File-AID for IMS from Compuware/VF. When an error occurs, a brief message appears in the upper right corner of the screen. To display a complete description of the error, press PF1.

**Table 1-3.** Compuware/VF Link to File-AID for IMS Error Messages

Error Message	Pressing PF1 Displays	Explanation/Suggested Remedy
FA/IMS internal error	An error has occurred in CW/VF interface to File-AID for IMS	Contact Compuware Technical Support.
FA/IMS GETMAIN error	An error has occurred in CW/VF interface to File-AID for IMS	Contact Compuware Technical Support.
FA/IMS interface error	An error has occurred in CW/VF interface to File-AID for IMS	Contact Compuware Technical Support.



## Chapter 2.

# License Management System Messages and Codes

This chapter explains the return codes and messages issued by the LMS components of ECC.

License Management System error messages fall into various categories. Each category is defined by a unique prefix. For example, all messages concerning license certificate content begin with "WLM"; general License Management System messages begin with "LM". Each subheading in this section contains information on one specific category of messages and codes.

Compuware recommends that you enable automatic e-mail notification at your site to expedite resolution of your problems. Refer to the Appendix entitled "E-Mail Notification Facility" in the *License Management System User Reference Guide* for more information.

Table 2-1 identifies the message category, the corresponding message prefix, the page on which the explanations can be found, and who to contact at Compuware should you need further assistance.

**Table 2-1.** License Management System Message Categories

Message Category	Prefix	Page	Contact
License Administration Utility messages	LMA, LMB	page 2-2	Technical Support
LMSINIT messages	LMI	page 2-16	Technical Support
LMSSTUB messages	LMS	page 2-19	Technical Support
License Management System messages	LMZ, LM4, LM5	page 2-20	Technical Support
License Certificate Content messages	WLM	page 2-44	Worldwide License Management

Within each category, there are different types of messages. Each message type has a unique suffix:

- A**      action required
- E**      user errors
- S**      severe errors
- I**      informational messages
- W**      warning messages

The License Management return and reason code values are listed beginning on page 2-70. If you have any questions regarding these values, contact Compuware Technical Support.

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## License Administration Utility Messages

**LMA001E CWLFPRNT DD OPEN FAILURE**

**Severity:** Error

**Explanation:** This usually means that the CWLFPRNT DD statement is missing.

**System Action:** Program terminates.

**User Response:** Supply a sysout DD statement for CWLFPRNT.

**LMA002S CSVAPF MACRO CALL FAILURE**

**Severity:** Severe

**Explanation:** A call to the CSVAPF macro has failed.

**System Action:** The program issuing this message will terminate with ABEND U3500 and the reason code returned by the CSVAPF macro.

**User Response:** Refer to IBM CSVAPF macro for an explanation of reason codes.

**LMA003E PARM= CONTAINS AN INVALID VALUE**

**Severity:** Error

**Explanation:** A PARM= value is invalid.

**System Action:** The program issuing this message will terminate.

**User Response:** Refer to documentation for valid syntax for PARM= for the issuing program.

**LMA004E @@ DD OPEN FAILURE**

**Severity:** Error

**Explanation:** This usually means that the DD statement is missing.

**System Action:** The program issuing this message will terminate.

**User Response:** Supply a DD statement for the missing DD.

**LMA005E SVC99 ERROR. ERR=@@ INFO=@@**

**Severity:** Error

**Explanation:** An SVC99 call returned an unacceptable return code.

**System Action:** The program issuing this message will terminate.

**User Response:** These codes are documented in the IBM manual "Programming: Authorized Assembler Services Guide." If you can, correct the problem and run the LAU. If you cannot identify and/or correct this allocation error, contact Compuware customer support.

**LMA006E LICENSE FILE DATASET IS NOT VSAM**

**Severity:** Error

**Explanation:** The DD of the License File does not refer to a VSAM dataset.

**System Action:** The program issuing this message will terminate.

**User Response:** Change the JCL so that the DD Name CWLF0000 specifies your VSAM license file. Re-execute the LAU.

**LMA007S BAD PARAMETER LIST CALL TO @@**

**Severity:** Severe

**Explanation:** The program named received an invalid parameter list.

**System Action:** The program issuing this message will terminate.

**User Response:** Contact Compuware Corporation Product Support.

**LMA008S AN MVS SERVICE FAILED IN @@**

**Severity:** Severe

**Explanation:** The program named received an error when invoking an MVS service.

**System Action:** The program issuing this message will terminate.

**User Response:** Refer to MVS documentation and correct the problem. Contact Compuware customer support, if necessary.

**LMA009E VSAM ERROR OCCURRED @@, @@, @@, @@, @@**

**Severity:** Error

**Explanation:** A VSAM error was detected. Return Code, Reason Code, RPL feedback, RPL function, and ACB error codes are listed after message text.

**System Action:** The program issuing this message will terminate.

**User Response:** Correct the problem; contact Compuware customer support.

**LMA010S AN INTERNAL ERROR HAS OCCURRED, SEE REASON CODE @@**

**Severity:** Severe

**Explanation:** An internal error has occurred.

**System Action:** The program issuing this message will terminate.

**User Response:** Contact Compuware Corporation customer support and provide listed reason code to representative.

**LMA029E LMAPARS ERROR RC=@@, RS=@@**

**Severity:** Error

**Explanation:** An internal error has occurred. LMAPARS returned a serious error code.

**System Action:** The program issuing this message will terminate.

**User Response:** Record all error messages issued and contact Compuware customer support.

**LMA030E GTFID IS INVALID**

**Severity:** Error

**Explanation:** The GTF ID must be in the range 0-1023.

**System Action:** The program issuing this message will terminate.

**User Response:** Supply a GTF ID that is within the valid range.

**LMA031E GTF ERROR HAS OCCURRED RC=@@**

**Severity:** Error

**Explanation:** A call to GTRACE has returned a non-zero return code.

**System Action:** The program continues processing.

**User Response:** Refer to GTRACE macro to determine cause of error.

**LMA032E LMCWLLIB DD OPEN FAILURE**

**Severity:** Error

**Explanation:** This usually means that the LMCWLLIB DD statement is missing.

**System Action:** The program issuing this message will terminate.

**User Response:** Supply LMCWLLIB DD statement.

**LMA034E DUPLICATE ENTRY**

**Severity:** Error

**Explanation:** The License File DSN entered already exists in the table.

**System Action:** The program issuing this message continues.

**User Response:** Enter a different DSN.

**LMA037E LICENSE FILE CONTAINS NO LICENSE CERTIFICATES**

**Severity:** Error

**Explanation:** The License File contains no License Certificates; current function is invalid.

**System Action:** The function terminates.

**User Response:** This function is invalid when the License File does not contain at least one License Certificate. Select a License File containing data or do not perform this function.

**LMA042E SVC99 ERROR. ERR=@@ INFO=@@**

**Severity:** Error

**Explanation:** DD CWFLOAD must be allocated to the License Management load library.

**System Action:** The program issuing this message will terminate.

**User Response:** These codes are documented in the IBM manual "Programming: Authorized Assembler Services Guide." If you can, correct the problem and run the LAU. If you cannot identify and/or correct this allocation error, contact Compuware customer support.

**LMA043E SVC99 ERROR. ERR=@@ INFO=@@**

**Severity:** Error

**Explanation:** DD CWFIMP could not be allocated to the supplied Import DSN.

**System Action:** The program issuing this message will terminate.

**User Response:** These codes are documented in the IBM manual "Programming: Authorized Assembler Services Guide." If you can, correct the problem and run the LAU. If you cannot identify and/or correct this allocation error, contact Compuware customer support.

**LMA045E SECURITY PREVENTED ACCESS TO FUNCTION @@**

**Severity:** Error

**Explanation:** Security prevented you from accessing this function.

**System Action:** The program issuing this message will terminate.

**User Response:** Contact your Security Administrator for authorization.

**LMA051E DUPLICATE RECORD. FILE PROBABLY NOT EMPTY**

**Severity:** Error

**Explanation:** RESTORE received a DUPLICATE key return from VSAM. The VSAM file must be redefined prior to running RESTORE.

**System Action:** The program issuing this message will terminate.

**User Response:** Verify desired License File has been specified. If so, redefine the VSAM License File.

**LMA052E @@ IS NOT A KNOWN OPTION**

**Severity:** Error

**Explanation:** User has entered an invalid option.

**System Action:** The program issuing this message continues.

**User Response:** Enter a valid option.

**LMA053E @@ TOKEN IS MISSING**

**Severity:** Error

**Explanation:** The named keyword is missing from the License Certificate.

**System Action:** The program issuing this message continues with editing but the certificate will not be applied to the License File.

**User Response:** Contact Compuware customer support.

**LMA067E LICENSE FILE ALREADY OPEN FOR UPDATE BY ANOTHER USER**

**Severity:** Error

**Explanation:** The License File is already OPEN for UPDATE by another user.

**System Action:** An ISPF a message is displayed. Batch program waits 30 seconds and tries again. It repeats the 30-second wait for up to 5 minutes and then terminates.

**User Response:** Wait for other user to complete update and try again.

**LMA069E LICENSE FILE HAS FAILED A HEALTH CHECK**

**Severity:** Error

**Explanation:** IMPORT processing detected AUTH code failures in the License File. The License File will NOT be updated.

**System Action:** The program continues processing.

**User Response:** Contact Compuware customer support to obtain a correct License Certificate File.

**LMA071S BAD PARAMETER LIST CALL TO @@ RSN=@@**

**Severity:** Severe

**Explanation:** The program named received an invalid parameter list.

**System Action:** The program issuing this message will terminate.

**User Response:** Contact Compuware customer support.

**LMA081S AN MVS SERVICE FAILED IN @@ RSN=@@**

**Severity:** Severe

**Explanation:** The program named received an error when invoking an MVS service.

**System Action:** The program issuing this message will terminate.

**User Response:** Refer to MVS documentation and correct the problem; contact Compuware customer support, if necessary.

**LMA099E REASON=@@**

**Severity:** Error

**Explanation:** The previous message describes the error that has the reason code returned to the caller that is displayed here.

**System Action:** The program issuing this message will terminate.

**User Response:** Correct the error causing this message or call Compuware customer support.

**LMA100I LICENSE FILE IN USE, TRY AGAIN LATER**

**Severity:** Informational

**Explanation:** Another user or program is using the license file.

**System Action:** The program continues processing.

**User Response:** Select another file, or wait until the file is free.

**LMA102E AT LEAST ONE SMF DATA SET MUST BE SPECIFIED**

**Severity:** Error

**Explanation:** User did not specify at least one SMF Data Set.

**System Action:** The program continues processing.

**User Response:** Specify at least one SMF Data Set.

**LMA103E AT LEAST ONE LMS REPORT MUST BE SELECTED**

**Severity:** Error

**Explanation:** User did not select at least one LMS report.

**System Action:** The program continues processing.

**User Response:** Specify at least one LMS report.

#### **LMB001E EXECUTION ENDED DUE TO PREVIOUS ERROR(S)**

**Severity:** Error

**Explanation:** Previously, errors have been identified in the SYSPRINT listing. These errors cause LMBMAINT execution to end.

**System Action:** LMBMAINT ends with a non-zero return code.

**User Response:** Correct the errors previously reported and re-execute LMBMAINT.

#### **LMB002E NO RECORDS FOUND IN SYSIN DATA SET**

**Severity:** Error

**Explanation:** The SYSIN data set either contains no records or all of the records on the data set are either blank or are comments.

**System Action:** LMBMAINT ends with Return Code 4.

**User Response:** Insert valid records into the SYSIN data set and re-execute LMBMAINT.

#### **LMB003E STORAGE NOT AVAILABLE FOR FILE QUEUE. RC=@@/@@**

**Severity:** Error

**Explanation:** The STORAGE OBTAIN macro completed with a non-zero return code when LMBMAINT was attempting to obtain storage for the cached file queue. The Return and Reason codes from STORAGE OBTAIN are shown.

**System Action:** LMBMAINT ends with a Return Code of 8.

**User Response:** Increase the value specified on the REGION= operand of the EXEC statement for LMBMAINT, and re-execute.

#### **LMB004E DDNAME<> MISSING FROM SYSIN DATA SET**

**Severity:** Error

**Explanation:** The first parameter (other than comments) in the SYSIN data set must be a DDNAME<> operand, and it is not.

**System Action:** LMBMAINT ends with Return Code 8.

**User Response:** Edit the SYSIN data set and add a DDNAME<> operand.

#### **LMB005E STORAGE NOT AVAILABLE FOR SYSIN QUEUE. RC=@@/@@**

**Severity:** Error

**Explanation:** The STORAGE OBTAIN macro completed with a non-zero return code when LMBMAINT was attempting to obtain storage for the cached SYSIN queue. The Return and Reason codes from STORAGE OBTAIN are shown.

**System Action:** LMBMAINT ends with Return Code 8.

**User Response:** Increase the value specified on the REGION= operand of the EXEC statement for LMBMAINT, and re-execute.

#### **LMB006E OPENING "<" MISSING FROM CURRENT OPERAND**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that there is no "<" sign following the name.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB007E OPERAND NAME MISSING**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file record that should contain an operand name, but does not.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error and re-execute LMBMAINT.

**LMB008E CLOSING ">" MISSING FROM CURRENT OPERAND**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that there is no ">" sign following the operand value.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB009E DDNAME<> VALUE IS MISSING OR IS TOO LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that either no value has been specified for DDNAME, or the value specified is longer than eight bytes.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB010E DDNAME<> FIRST CHARACTER NOT VALID FOR A DDNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the first character specified in the DDNAME value is not uppercase ALPHABETIC (A-Z) and not "@", "#", or "\$".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB011E DDNAME<> CONTAINS INVALID CHARACTERS FOR A DDNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that one of the characters specified in the DDNAME value is not uppercase ALPHABETIC (A-Z) and not NUMERIC (0-9) and not "@", "#", or "\$".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB012E DSNNAME<> VALUE IS MISSING OR IS TOO LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that either no value has been specified for DSNNAME, or the value specified is longer than 8 bytes.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB013E DSNNAME<> FIRST CHARACTER NOT VALID FOR A DSNNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the first character specified in the DSNNAME value is not uppercase ALPHABETIC (A-Z) and not "@", "#", or "\$".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB014E DSNNAME<> CONTAINS INVALID CHARACTERS FOR A DSNNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that one of the characters specified in the DSNNAME value is not uppercase ALPHABETIC (A-Z) and not NUMERIC (0-9) and not "@", "#", "\$", or ".".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB015E SECURITY\_DSN<> VALUE IS TOO LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for SECURITY\_DSN is longer than 44 characters.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB016E SECURITY\_DSN<> FIRST CHARACTER NOT VALID FOR A DSNNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the first character specified in the SECURITY\_DSN value is not uppercase ALPHABETIC (A-Z) and not "@", "#", or "\$".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB017E SECURITY\_DSN<> CONTAINS INVALID CHARACTERS FOR A DSNNAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid, and indicates that one of the characters specified in the SECURITY\_DSN value is not uppercase ALPHABETIC (A-Z) and not NUMERIC (0-9) and not "@", "#", "\$", or ".".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB018E SMF\_LOGGING<> VALUE IS INCORRECT LENGTH**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for SMF\_LOGGING is not omitted (e.g. SMF\_LOGGING<>), or it is not exactly one character long (e.g. SMF\_LOGGING<Y>).

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB019E SMF\_LOGGING<> VALUE IS NOT "Y" OR "N"**

**Severity:** Error



**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for SMF\_LOGGING is neither the character "Y" or "N".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB020E SITE\_ID<> VALUE IS NOT THREE DIGITS LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for SITE\_ID is not exactly three numeric digits long.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB021E SITE\_ID<> CONTAINS NON NUMERIC CHARACTERS**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that one or more of the digits specified in the SITE\_ID value is not NUMERIC (0-9).

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB022E EMERGENCY<> VALUE IS NOT EIGHT CHARACTERS LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for EMERGENCY is not exactly eight characters long.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB023E EMERGENCY<> CONTAINS INVALID HEXADECIMAL DIGITS**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that one of the characters specified in the EMERGENCY value is not NUMERIC (0-9) and not UPPERCASE ALPHABETIC (A-F).

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB024E DISASTER<> VALUE IS NOT ONE CHARACTER LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for DISASTER is not exactly one character long.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB025E DISASTER<> VALUE IS NOT "Y"**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for DISASTER is something other than the character "Y". No other value is valid.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB026E PRODUCT\_SNAME<> VALUE IS MISSING OR IS TOO LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that either no value has been specified for PRODUCT\_SNAME or that the value specified is longer than eight bytes.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB027E VER<> VALUE IS NOT FIVE CHARACTERS LONG**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the value specified for VER is not exactly five characters long.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB028E VER<> CONTAINS INVALID CHARACTERS**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that one or more of the digits specified in the VER value is not NUMERIC (0-9) and not ".".

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB029E INVALID OPERAND NAME**

**Severity:** Error

**Explanation:** This message is written immediately following the SYSIN file operand that is invalid and indicates that the name specified (just in front of an opening "<", is not one of the valid names).

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

#### **LMB030E INVALID ACTIVITY QUEUE ENTRY NAME**

**Severity:** Error

**Explanation:** This serious problem indicates a program execution error within LMBMAINT.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Refer this problem to Compuware customer support.

#### **LMB031E @@ @@<> IS NOT VALID BEFORE DDNAME<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified before the DDNAME<> operand in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB032E @@ @@<> IS NOT VALID BEFORE SITE<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified before the SITE<> operand in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB033E @@ @@<> IS NOT VALID BEFORE SITE<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified before the SITE<> operand in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB034E @@ @@<> IS NOT VALID BETWEEN SITE<> AND PRODUCT<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified between the SITE<> and the PRODUCT<> operands in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB035E @@ @@<> IS NOT VALID BETWEEN PRODUCT<> AND VER<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified between the PRODUCT<> and the VER<> operands in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB036E @@ @@<> IS NOT VALID FOLLOWING PRODUCT<> AND VER<>**

**Severity:** Error

**Explanation:** This error is displayed at the end of the SYSPRINT list and contains two variable parts. The first is the sequence number of the SYSIN line in error, and the second is the operand name itself. This error indicates that the specified name is invalid when specified after a PRODUCT<> and VER<> operand in the SYSIN file.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Correct the operand in error, and re-execute LMBMAINT.

**LMB037E UNEXPECTED OPERAND NAME AND CURRENT STATE**

**Severity:** Error

**Explanation:** This serious problem indicates a program execution error within LMBMAINT.

**System Action:** LMBMAINT ends immediately with Return Code 8

**User Response:** Refer this problem to Compuware customer support.

**LMB038E UNABLE TO OBTAIN LICENSE FILE STATUS. RC=@@/@@/@@/@@/@@****Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMSDMAIN/LMSDSV99, which requested that information concerning a license file that was allocated via a DD statement be returned. The variable information in this message contains the following: Register 15 from LMSDMAIN; RBERROR; RBINFO; WTO Return Code; SMS Return Code

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Refer this problem to Compuware customer support.

**LMB039E FILE ALLOCATION ERROR - RC=@@/@@/@@/@@/@@****Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMSDMAIN/LMSDSV99 requesting that a license file be allocated by LMBMAINT. The variable information in this message contains the following: Register 15 from LMSDMAIN; RBERROR; RBINFO; WTO Return Code; SMS Return Code. The most likely cause of this problem is that the license file named in the DSNAMES operand does not exist.

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Correct the license file name, or define the license file, and re-execute LMBMAINT.

**LMB040E UNABLE TO OPEN LICENSE FILE. RC=@@/@@/@@/@@/@@/@@/@@/@@****Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMALFAC requesting that a license file be opened. The variable information in this message contains the following: Return Code, Reason Code, SVC99 Error Code, SVC99 Info Code, VSAM Return Code, VSAM Reason Code, VSAM Feedback Code, ACB Error Code. The most likely cause of this problem is that the data set specified either with a DD statement, or with a DSNAMES operand is not a valid VSAM license file, or is not a valid REPRO of a VSAM license file.

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Correct the license file name, or define the license file, and re-execute LMBMAINT.

**LMB041E UNABLE TO CLOSE LICENSE FILE. RC=@@/@@/@@/@@/@@/@@/@@/@@****Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMALFAC requesting that a license file be closed. The variable information in this message contains the following: Return Code, Reason Code, SVC99 Error Code, SVC99 Info Code, VSAM Return Code, VSAM Reason Code, VSAM Feedback Code, ACB Error Code. Since the license file had previously been opened by LMBMAINT, this failure to close it probably indicates that the file has been deleted from an external OS/390 image.

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Recreate the original license file, and re-execute LMBMAINT. Do not alter the data set while LMBMAINT is executing.

**LMB042E UNABLE TO DEALLOCATE LICENSE FILE. RC=@@/@@/@@/@@/@@****Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMSDMAIN/LMSDSV99 requesting that a license file be de-allocated by LMBMAINT. The variable information in the message contains the following: Register 15 from LMSDMAIN, RBERROR, RBINFO, WTO Return Code, SMS Return Code. Since the license file had previously been allocated by LMBMAINT, this failure to de-allocate it probably indicates that the file has been deleted from an external OS/390 image.

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Recreate the original license file, and re-execute LMBMAINT. Do not alter the data set while LMBMAINT is executing.

**LMB043E UNABLE TO RELEASE DYNAMICALLY OBTAINED STORAGE. RC=@@/@@**

**Severity:** Error

**Explanation:** A non-zero return code has resulted from an invocation of a STORAGE RELEASE macro which requested that program storage be released. The variable information in this message contains the following: Return Code, Reason Code.

**System Action:** LMBMAINT ends immediately with Return Code 8.

**User Response:** Refer this problem to Compuware customer support.

**LMB044E EMERGENCY PASSWORD VALUE IS NOT CORRECT**

**Severity:** Error

**Explanation:** A non-zero return code has resulted from an invocation of module LMSEMERP which indicates that the emergency password that was supplied cannot be decoded, meaning it is not a valid password.

**System Action:** Execution continues in order to diagnose any further errors, but LMBMAINT will terminate following the syntax check process.

**User Response:** Correct the emergency password, which might entail calling Compuware to obtain a valid one, and re-execute LMSINIT.

**LMB045I ALLOCATING @@/@@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT is attempting to allocate the license file using the DDNAME and DSNAME shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB046I @@ ALLOCATED WITH DSORG = @@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT has successfully allocated the license file shown in the message, and its data set organization is VS (for VSAM) or PS (for sequential).

**System Action:** Processing continues.

**User Response:** None.

**LMB047I OPENING @@/@@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT is attempting to open the license file using the DDNAME and DSNAME shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB048I @@ OPEN**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT has successfully opened the license file shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB049I CLOSING @@/@@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT is attempting to close the license file using the DDNAME and DSNAME shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB050I @@ CLOSED**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT has successfully closed the license file shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB051I DEALLOCATING @@/@@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT is attempting to deallocate the license file using the DDNAME and DSNAME shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB052I @@ DEALLOCATED**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT has successfully deallocated the license file shown in the message.

**System Action:** Processing continues.

**User Response:** None.

**LMB053E LICENSE FILE READ ERROR. RC=@@/@@/@@/@@/@@/@@/@@/@@**

**Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMALFAC requesting that a license file be read. The variable information in this message contains the following: Return Code, Reason Code, SVC99 Error Code, SVC99 Info Code, VSAM Return Code, VSAM Reason Code, VSAM Feedback Code, ACB Error Code.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Report this problem to Compuware customer support.

**LMB054E LICENSE FILE UPDATE ERROR. RC=@@/@@/@@/@@/@@/@@/@@/@@**

**Severity:** Error

**Explanation:** A non-zero return code has resulted from a call to module LMALFAC requesting that a license file be updated. The variable information in this message contains the following: Return Code, Reason Code, SVC99 Error Code, SVC99 Info Code, VSAM Return Code, VSAM Reason Code, VSAM Feedback Code, ACB Error Code.

**System Action:** LMBMAINT terminates immediately with Return Code 8.

**User Response:** Report this problem to Compuware customer support.

**LMB055I @@ OLD @@ = @@**

**Severity:** Informational

**Explanation:** An informational message showing the name and value of a field on the license file before update.

**System Action:** Processing continues.

**User Response:** None.

**LMB056I @@ NEW @@ = @@**

**Severity:** Informational

**Explanation:** An informational message showing the name and value of a field on the license file after update.

**System Action:** Processing continues.

**User Response:** None.

#### **LMB057E NO CUSTOMER RECORD FOUND ON LICENSE FILE**

**Severity:** Error

**Explanation:** LMBMAINT has attempted to update a customer record on a license file but has found that one does not exist on the file.

**System Action:** Processing of the current license file ends.

**User Response:** Insure that a valid certificate has been imported into the license file, and re-execute LMBMAINT.

#### **LMB058E SITE @@ DOES NOT EXIST ON LICENSE FILE**

**Severity:** Error

**Explanation:** LMBMAINT has attempted to update a customer record on a license file but has found that the SITE\_ID value specified on the SYSIN parameters is not represented on the license file.

**System Action:** Processing of the current license file ends.

**User Response:** Correct the SITE\_ID parameter and re-execute LMBMAINT.

#### **LMB059E SITE @@ PRODUCT @@ VERSION @@ DOES NOT EXIST ON FILE**

**Severity:** Error

**Explanation:** LMBMAINT has attempted to update a product record on a license file but has found that the SITE\_ID PRODUCT\_SNAME and VER values specified on the SYSIN parameters are not represented on the license file.

**System Action:** Processing of the current license file ends.

**User Response:** Correct the SYSIN parameter an re-execute LMBMAINT.

#### **LMB060I @@ = @@ @@**

**Severity:** Informational

**Explanation:** This informational message specifies CUST for customer, SITE for site, or PROD for product/version, and names each of these. Messages following LMB060 describe what action has occurred to each of these file entities.

**System Action:** Processing continues.

**User Response:** None.

#### **LMB061E DISASTER MODE ALREADY SET. DISASTER<Y> IS IGNORED**

**Severity:** Error

**Explanation:** LMBMAINT issues this message when it attempts to update the current license file site record with a disaster indicator. The file already has disaster set, and you cannot apply disaster more than once to a file.

**System Action:** The update continues as if DISASTER had not been specified in the LMBMAINT parameters.

**User Response:** You must restore your license file from a copy that does not already have disaster set.

#### **LMB062I LMBMAINT ENDED. HIGHEST RETURN CODE WAS @@**

**Severity:** Informational

**Explanation:** This informational message indicates that LMBMAINT has finished and indicates the highest return code encountered during its execution.

**System Action:** LMBMAINT terminates.

**User Response:** None.

**LMB063I @@ NEW @@ = @@ UNTIL @@**

**Severity:** Informational

**Explanation:** An informational message showing the name and value of the disaster or emergency field on the license file after update, and it shows the date on which the disaster or the emergency will expire.

**System Action:** Processing continues.

**User Response:** None.

**LMB064I @@ OLD @@ = @@ UNTIL @@**

**Severity:** Informational

**Explanation:** An informational message showing the name and value of the disaster or emergency field on the license file before update, and it shows the date on which the disaster or the emergency would have expired.

**System Action:** Processing continues.

**User Response:** None.

**LMB065I IF LMBMAINT WITH MODE=UPDATE FOLLOWS, IT WILL EXECUTE**

**Severity:** Informational

**Explanation:** An informational message indicating that if the current LMBMAINT step is followed by one that specifies "MODE=UPDATE", this subsequent step will execute.

**System Action:** Processing continues.

**User Response:** None.

**LMB066I IF LMBMAINT WITH MODE=UPDATE FOLLOWS, IT WILL NOT EXECUTE**

**Severity:** Informational

**Explanation:** An informational message indicating that if the current LMBMAINT step is followed by one that specifies "MODE=UPDATE", this subsequent step will not execute.

**System Action:** Processing continues.

**User Response:** None.

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## LMSINIT Messages

**LMi001E LMSINIT IS PENDING COMPLETION OF DEFAULT CHECK PROCESSING**

**Severity:** Error

**Explanation:** 15 seconds have elapsed and LMSINIT remains within the routine that performs all default checking. LMSINIT may be looping or waiting on an event that will not occur.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.

**LMi002E LMSINIT IS PENDING COMPLETION OF RACROUTE PROCESSING**

**Severity:** Error

**Explanation:** 15 seconds have elapsed and LMSINIT remains within the routine that invokes RACROUTE to determine access levels available for processing. LMSINIT may be looping or waiting on an event that will not occur.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.



**LM1003E LMSINIT IS PENDING COMPLETION OF SRB PROCESSING**

**Severity:** Error

**Explanation:** 15 seconds have elapsed and LMSINIT remains within the routine that schedules an SRB in the Master Address Space. LMSINIT may be looping or waiting on an event that will not occur.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.

**LM1004E LMSINIT IS PENDING COMPLETION OF LICENSE FILE PROCESSING**

**Severity:** Error

**Explanation:** 15 seconds have elapsed and LMSINIT remains within the routine that reads the license files. LMSINIT may be looping or waiting on an event that will not occur.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.

**LM1005E LMSINIT IS ENGAGED IN AN ENQ CONFLICT**

**Severity:** Error

**Explanation:** This message follows the message indicating that LMSINIT has stopped productive activity. The reason for the stoppage is an ENQ conflict. Message LM1006, which follows, indicates which resource is causing the conflict.

**System Action:** Processing continues.

**User Response:** If this problem persists, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Corporation customer support.

**LM1006E WAITING FOR @@/@@/@@**

**Severity:** Error

**Explanation:** This message follows message LM1005 and indicates the QNAME and RNAME for which LMSINIT is waiting.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.

**LM1007E PARM= VALUE ON LMSINIT EXEC STMT MAY BE INVALID**

**Severity:** Error

**Explanation:** This message is written only to the system console. It indicates that the PARM= operand on the execute statement used to execute LMSINIT may have specified a 2-character language code for which no message module exists.

**System Action:** LMSINIT terminates with User ABEND 100.

**User Response:** Correct the PARM= operand to be: PARM="LANGUAGE=XX", with whichever language is appropriate, and resubmit LMSINIT. Or, if you prefer, omit the PARM= operand entirely. The default language is English (i.e. PARM="LANGUAGE=EN").

**LM1008E PRIVATE AREA STORAGE NOT AVAILABLE FOR LMSINIT-LMI**

**Severity:** Error

**Explanation:** This message is written only to the system console. It indicates that a STORAGE OBTAIN macro has completed with a non-zero return code, indicating that private area storage is exhausted.

**System Action:** LMSINIT terminates with User ABEND 100.

**User Response:** Increase the value specified on the REGION= operand of the JOB and EXEC statements used to invoke LMSINIT and retry the job.

**LM1009E UNABLE TO OPEN SYSPRINT DCB - DD MISSING**

**Severity:** Error

**Explanation:** This message is written only to the system console. It indicates that an OPEN macro against the SYSPRINT DCB did not complete successfully.

**System Action:** LMSINIT terminates.

**User Response:** Insure that a //SYSPRINT DD SYSOUT=\* statement exists within the step that executes LMSINIT and retry the job.

**LM1010E UNABLE TO ESTABLISH ESTAEX ENVIRONMENT**

**Severity:** Error

**Explanation:** This message is written only to the system console, and indicates that an ESTAEX macro has completed with a non-zero return code.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to Compuware customer support.

**LM1011E AN ERROR HAS OCCURRED DURING BLDL OR LOAD OF LMS MODULES**

**Severity:** Error

**Explanation:** This message is written only to the system console, and indicates that a LOAD macro has completed with a non-zero return code.

**System Action:** LMSINIT displays additional messages that describe the error more fully.

**User Response:** See the additional messages for a complete description of the error and for suggestions on how to fix the problem.

**LM1012E PRIVATE AREA STORAGE NOT AVAILABLE FOR LMS MODULE**

**Severity:** Error

**Explanation:** This message is written only to the system console and indicates that a STORAGE OBTAIN macro has completed with a non-zero return code.

**System Action:** LMSINIT displays additional messages that describe the error more fully.

**User Response:** Increase the value specified on the REGION= operand of the JOB and EXEC statements used to invoke LMSINIT, and retry the job.

**LM1013E MODULE = XXXXXXXX R15 = XXXXXXXX R1 = XXXXXXXX**

**Severity:** Error

**Explanation:** This message is written only to the system console and gives further explanation after message LM1011 has been issued. The name of the module causing the error is given, along with the contents of register 15 and register 1 at the completion of the LOAD macro.

**System Action:** LMSINIT displays additional messages that describe the error more fully.

**User Response:** Insure that the module named in this message exists in 1) The authorized load library named in the //STEPLIB DD for LMSINIT, or 2) In an authorized library that is named in the LNKSTxx member of SYS1.PARMLIB if no //STEPLIB is used for LMSINIT.

**LM1014E COMMON AREA STORAGE NOT AVAILABLE FOR LMS MODULE**

**Severity:** Error

**Explanation:** This message is written only to the system console and indicates that a STORAGE OBTAIN macro has completed with a non-zero return code.

**System Action:** LMSINIT terminates.

**User Response:** The REGION= operand on the JOB and/or EXEC statements do not affect the amount of CSA storage available. Refer this problem to your system support staff or to Compuware customer support.

**LM1015E UNABLE TO ESTABLISH STIMERM ENVIRONMENT**

**Severity:** Error

**Explanation:** This message is written only to the system console and indicates that a STIMERM macro has completed with a non-zero return code.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to Compuware customer support.

#### **LMI016E UNABLE TO ATTACH LMSIMAIN**

**Severity:** Error

**Explanation:** This message is written only to the system console and indicates that an ATTACH macro for module LMSIMAIN has completed with a non-zero return code.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to Compuware customer support.

#### **LMI017E LMSINIT IS PENDING COMPLETION OF CHECKPOINT FILE UPDATE**

**Severity:** Error

**Explanation:** 15 seconds have elapsed and LMSINIT remains within the routine that updates the checkpoint file. LMSINIT may be looping or waiting on an event that will not occur.

**System Action:** Processing continues.

**User Response:** If this problem continues, cancel LMSINIT with a dump and notify your systems programming staff and, if necessary, contact Compuware customer support.

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## **LMSSTUB Messages**

#### **LMS001E COMPUWARE LICENSE MANAGEMENT NOT AVAILABLE ON @@**

**Severity:** Error

**Explanation:** This message is displayed as the first of two messages (the second of which describes the error in detail). In this message, @@ is replaced by the value in the CVTSNAME field of the CVT, which is the name of the MVS system on which the error occurred.

**System Action:** The second of the two messages is displayed.

**User Response:** Wait for the second message, and take action based upon that message.

#### **LMS002E DDNAME CWAassss ALLOCATED BUT SUBSYSTEM @@ NOT ACTIVE**

**Severity:** Error

**Explanation:** The JCL for the program (or the LOGON PROC for the TSO user) contained a //CWAassss DD DUMMY statement, which identified the application by "aa" and the subsystem by "ssss" which were to be used in the license checkout processing. The subsystem identified by ssss is not active on the MVS system.

**System Action:** The LMCHKOUT call is terminated with a return code of 12 and a reason code of 33.

**User Response:** The inclusion of the //CWAassss DD DUMMY may have been in error, and the correction is to delete this JCL statement. If not, then subsystem ssss must be started by executing LMSINIT that defines a subsystem named ssss.

#### **LMS003E NO LICENSE MANAGEMENT SUBSYSTEM IS ACTIVE**

**Severity:** Error

**Explanation:** An LMCHKOUT call was made from a job or from a TSO user at a time before LMSINIT had ever executed on the MVS system, and because LMSINIT had not been run, no License Management Subsystem was active.

**System Action:** The LMCHKOUT call is terminated with a return code of 12 and a reason code of 34.

**User Response:** Execute LMSINIT, as instructed in the License Management Installation Guide.

**LMS004E LICENSE MANAGEMENT SUBSYSTEMS ARE BACK LEVEL****Severity:** Error

**Explanation:** Although LMCHKOUT processing found one or more License Management Subsystems active on the MVS, none was appropriate to handle the license check-out call, because all of them were at a version/release level that was lower than the lowest valid release that could be used to process this license check-out.

**System Action:** The LMCHKOUT call is terminated with a return code of 12 and a reason code of 35, 36 or 37.

**User Response:** The most probable cause for this condition, is that a new release of License Management software is available for installation, but has not been installed. Whenever a new version/release of LMSSTUB is created, a corresponding version/release of the remainder of the License Management system is created and shipped to the customer as well. Much of the time, there is no compatibility issue, but in this case LMSSTUB is requesting a function that is not available in the version/release of the License Management system which is installed. Install the newest release of License Management, and re-execute LMSINIT.

**LMS005E LICENSE MANAGEMENT SUBSYSTEMS @@ IS NO LONGER ACTIVE****Severity:** Error

**Explanation:** LMCHKOUT processing found an appropriate License Management Subsystem for the current call, validation of the storage indicated to contain an active License Management Global area, it was discovered that this area did not contain a valid LMG.

**System Action:** The LMCHKOUT call is terminated with a return code of 12 and a reason code of 37.

**User Response:** The most probable cause for this condition, is that LMSINIT was executed naming this Subsystem while Compuware products were active on the system, and due to timing, an LMCHKOUT call was made at the same time that the named subsystem was in the process of being deleted. This is not a serious error if it does not continue, in which case a program error may be the cause. If the condition does not persist, and if LMSINIT was executing at the time of this error, there is no reason for concern, nor is there any action to be taken. If this problem persists, contact the Compuware security support staff.

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## License Management System Messages

**LMZ001I Disaster . . . :****Severity:** Informational**Explanation:** LENGTH=16**System Action:** None.**User Response:** None.**LMZ002I Start Date . :****Severity:** Informational**Explanation:** LENGTH=14**System Action:** None.**User Response:** None.**LMZ003I End Date . :****Severity:** Informational**Explanation:** LENGTH=12**System Action:** None.**User Response:** None.**LMZ004I Emergency . . . :****Severity:** Informational

**Explanation:** LENGTH=16

**System Action:** None.

**User Response:** None.

**LMZ005I Sp. Start . :**

**Severity:** Informational

**Explanation:** LENGTH=13

**System Action:** None.

**User Response:** None.

**LMZ006I Sp. End . . :**

**Severity:** Informational

**Explanation:** LENGTH=13

**System Action:** None.

**User Response:** None.

**LM4001E LM SMF RECORD TYPE @@ NOT WRITTEN. RETURN CODE=@@**

**Severity:** Error

**Explanation:** License Management has attempted to write an SMF record of the type shown in this message. The MVS SMF routines have returned a non-zero status code, which is also shown.

**System Action:** SMF processing is disabled until LMSINIT is re-executed.

**User Response:** Determine the exact cause of the error by using the return code shown. This code can be found in the IBM publication, System Management Facilities, within the discussion of the SMFwmt macro. When the error has been corrected, re-execute LMSINIT, specifying the "UPDATE" function. This will cause the License Management system to attempt to write SMF records again.

**LM5001E SUBSYSTEM @@ IS ALREADY DEFINED ON SYSTEM @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message during processing of a "CREATE" request if it determines that the subsystem name specified already exists on the MVS system. The name of the subsystem and the name of the MVS system are shown in this message.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** If the subsystem name was specified incorrectly, correct the error and re-execute LMSINIT. If the subsystem name was correct, then change the function from "CREATE" to "UPDATE" and re-execute LMSINIT.

**LM5002E SUBSYSTEM @@ IS NOT DEFINED ON SYSTEM @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message during processing of a "DELETE" request if it determines that the subsystem name specified does not exist on the MVS system. The name of the subsystem and the name of the MVS system are shown in this message.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the subsystem name and re-execute LMSINIT.

**LM5003I HIGHEST RETURN CODE WAS @@ AND REASON CODE WAS @@**

**Severity:** Informational

**Explanation:** LMSINIT issues this message following any other normal or abnormal messages concerning its execution. The value of the highest return code encountered is displayed.

**System Action:** LMSINIT terminates.

**User Response:** If the value shown is 0, LMSINIT has executed normally. If the value shown is not 0, a previous message will explain the exact cause of the problem. Corrective action should be taken based upon the content of the previous message.

#### **LM5004E MODULE @@ NOT FOUND**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its execution, it determines that the named module cannot be found.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Insure that the data sets specified in the LMSINIT STEPLIB DD are the correct ones, and that, between them, they contain all of the required authorized modules.

#### **LM5005E MODULE @@ IS AT AN INCORRECT VERSION LEVEL**

**Severity:** Error

**Explanation:** LMSINIT issues this message when during its execution, it determines that the named module has been found, but this module is not at the same release level as LMSINIT.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** It is most likely that the data set pointed to by the STEPLIB is not the correct one. Insure that this data set contains all of the modules received from Compuware for the current release of the License Management system. If the STEPLIB data set is incorrect, specify the correct data set name and re-execute LMSINIT. If the data set is correct, refer this problem to Compuware customer support.

#### **LM5006E THE FOLLOWING STATEMENT IS IN ERROR:**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, an error is found in one of these statements.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** The next message displayed is a copy of the statement found to be in error. Correct this statement, and re-execute LMSINIT.

#### **LM5007E ILLOGICAL SEQUENCE OF COMMENTS**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, more "end comment" sequences "\*/" were found than "begin comment" sequences "/\*".

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the comments in the control data set, so that there are the exact same number of \*/ sequences as there are /\* sequences. Re-execute LMSINIT.

#### **LM5008E FUNCTION VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for "function" is not "CREATE", "UPDATE" or "DELETE".

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the function in the control data set and specify "CREATE", "UPDATE" or "DELETE". Re-execute LMSINIT.

#### **LM5009E SUBSYSTEM VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for "subsystem" is not precisely four characters in length.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the subsystem specification in the control data set. Re-execute LMSINIT.

#### **LM5010E SMFID VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for "SMFid" is invalid. Either the length of the value itself is greater than eight characters long, or the value is not a valid number in the range of 129 to 255.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the SMFID specification in the control data set. Re-execute LMSINIT.

#### **LM5011E GTFID VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user-supplied control statements, the value specified for "GTFID" is invalid. Either the length of the value itself is greater than eight characters long, or the value is not a valid number in the range of 0 to 1023.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the GTFID specification in the control data set. Re-execute LMSINIT.

#### **LM5012E LANGUAGE VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for LANGUAGE is invalid. The length of the value is not two characters long.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the LANGUAGE specification in the control data set. Re-execute LMSINIT.

#### **LM5013I PARSING OF CONTROL STATEMENTS IS COMPLETE**

**Severity:** Informational

**Explanation:** LMSINIT issues this message to indicate that it has finished parsing the user supplied control statements.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5014I SYSIN CONTROL STATEMENTS:**

**Severity:** Informational

**Explanation:** LMSINIT issues this message to indicate that it has started parsing the users' control statements.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5015E SUBSYSTEM @@ IS DEFINED ON SYSTEM @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message to indicate that it has detected a subsystem of the same name as the one currently being created or updated. This is the first of multiple messages since message LM5016E or LM5017E follows this one

**System Action:** LMSINIT displays message LM5016E or LM5017E.

**User Response:** Correct the SYSID parameter and re-execute LMSINIT.

#### **LM5016E BUT IS NOT A LICENSE MANAGEMENT SUBSYSTEM**

**Severity:** Error

**Explanation:** This is the second of two messages that indicates a non-LMS subsystem is currently defined with the same name as the one being created or updated.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the SYSID parameter and re-execute LMSINIT.

#### **LM5017E BUT IS AT THE WRONG RELEASE LEVEL FOR UPDATE**

**Severity:** Error

**Explanation:** This is the second of three messages that indicates, during a FUNCTION(UPDATE) execution of LMSINIT, that the LMS subsystem name being updated exists already, but it is at a release level that is too low for the current LMSINIT to be able to update the subsystem.

**System Action:** LMSINIT displays message LM5018E.

**User Response:** Re-execute LMSINIT, once with FUNCTION(DELETE), and then again with FUNCTION(CREATE).

#### **LM5018E RUN LMSINIT WITH FUNCTION=DELETE THEN FUNCTION=UPDATE**

**Severity:** Error

**Explanation:** This is the third of three messages that indicates, during a FUNCTION(UPDATE) execution of LMSINIT, that the LMS subsystem name being updated exists already, but it is at a release level that is too low for the current LMSINIT to be able to update the subsystem.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Re-execute LMSINIT, once with FUNCTION(DELETE), and then again with FUNCTION(CREATE).

#### **LM5019I SUBSYSTEM @@ HAS BEEN DELETED FROM SYSTEM @@**

**Severity:** Informational

**Explanation:** LMSINIT displays this message to indicate that it has successfully deleted the subsystem named in the SYSID parameter.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5020I SUBSYSTEM @@ HAS BEEN CREATED ON SYSTEM @@**

**Severity:** Informational

**Explanation:** LMSINIT displays this message to indicate that it has successfully created the subsystem named in the SYSID parameter.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5021I SUBSYSTEM @@ HAS BEEN UPDATED ON SYSTEM @@**

**Severity:** Informational

**Explanation:** LMSINIT displays this message to indicate that it has successfully updated the subsystem named in the SYSID parameter.



**System Action:** Processing continues.

**User Response:** None.

#### **LM5022E DEFAULT VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user-supplied control statements, the value specified for "default" is not "YES" or "NO".

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the default specification in the control data set. Re-execute LMSINIT.

#### **LM5023E SUBSYSTEM @@ HAS NOT BEEN PROCESSED ON SYSTEM @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message when a request to create or update a subsystem with the DEFAULT YES option and another subsystem of the same version/release already exists with the default option specified.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Examine the text of the next message displayed, which displays the name of the subsystem already active as a default. Take action based upon that message.

#### **LM5024E SUBSYSTEM @@ IS ALREADY DEFINED AS THE DEFAULT FOR SYSTEM @@**

**Severity:** Error

**Explanation:** This message follows the message LM5023, and names the subsystem that is active and has the DEFAULT YES indication.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** You can update the subsystem named in this message and specify DEFAULT NO, or you can rerun the update of the current subsystem, again specifying DEFAULT NO.

#### **LM5025E INSUFFICIENT SECURITY AUTHORITY TO DEFINE DEFAULT SUBSYSTEM**

**Severity:** Error

**Explanation:** Indicates that you were attempting to create, update, or delete a License Management subsystem with the specification of DEFAULT YES. Your installation has protected the default subsystem using the system security (RACF, ACF/2 TOPSECRET), and your Userid is not authorized to process the default subsystem.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** You can remove the DEFAULT specification or specify DEFAULT(NO) and re-execute LMSINIT. Or you can contact your Security Administrator and ask for the appropriate access to perform the default subsystem processing.

#### **LM5026E RETURN CODES FROM SAF/RACROUTE PROCESSING @@**

**Severity:** Error

**Explanation:** Specifies the return codes that came from the invocation of the SAF/RACROUTE processor.

**System Action:** LMSINIT terminates.

**User Response:** Save the return code values before contacting your Security Administrator.

#### **LM5027E LICENSE FILE ACCESS ERROR. RETCDS=@@,@@,@@,@@,@@,@@,@@,@@**

**Severity:** Error

**Explanation:** Specifies the return codes that came from the invocation of the license file processor.

**System Action:** LMSINIT terminates.

**User Response:** Save the return code values before contacting your Security Administrator.

**LM5028I DD @@ DSNAME @@ LOAD STARTED**

**Severity:** Informational

**Explanation:** The data set designated in this message has been selected for loading into storage by the LMSINIT program.

**System Action:** Processing continues.

**User Response:** None.

**LM5029I DD @@ DSNAME @@ LOAD ENDED SUCCESSFULLY**

**Severity:** Informational

**Explanation:** The data set designated in this message has been loaded successfully into storage by the LMSINIT program.

**System Action:** Processing continues.

**User Response:** None.

**LM5030E LMS ABEND @@ IN MODULE @@ AT @@**

**Severity:** Error

**Explanation:** The named module has experienced the system or user ABEND, which is also indicated. The main storage address of the offending instruction is given as well.

**System Action:** Processing continues.

**User Response:** If multiple abends are occurring, then the LMS system must be stopped and restarted, and, if necessary, contact Compuware customer support.

**LM5031I LMSINIT DELETE SUBSYSTEM @@ REQUIRES CONFIRMATION**

**Severity:** Informational

**Explanation:** LMSINIT is currently executing a delete function and has encountered a situation that requires the operator to intervene to allow continuation of LMSINIT execution.

**System Action:** Messages LM5032 and LM5033 follow.

**User Response:** Wait for the following messages, which indicate the exact nature of the problem, and take the appropriate action.

**LM5032I THE FOLLOWING JOBS HAVE CHECKED OUT LICENSES:**

**Severity:** Informational

**Explanation:** LMSINIT is currently executing a delete function and has encountered a situation that requires the operator to intervene to allow continuation of LMSINIT execution.

**System Action:** Message LM5033 follows.

**User Response:** Wait for the following messages, which indicate the exact nature of the problem, and take the appropriate action.

**LM5033I @@ @@ @@ @@ @@ @@ @@**

**Severity:** Informational

**Explanation:** This message lists the JOBNAME, STEPNAME, PROCNAME, USERID, PROGRAM, PRODUCT and VERSION of a license that is currently checked out. This message follows LM5032 and LM5031.

**System Action:** Processing continues with message LM5034.

**User Response:** At the completion of these messages, a request for an operator reply will occur. Reply to this request.

**LM5034A REPLY "Y" TO CONTINUE, "N" TO TERMINATE, "R" TO RECHECK**

**Severity:** Action

**Explanation:** This message follows LM5031, LM5032, and LM5033 messages, indication which jobs have licenses currently checked out. This message requests the operator to intervene and indicates whether delete processing should continue.

**System Action:** System waits for the operator to reply.

**User Response:** Inspect the list of jobs with outstanding licenses. If these jobs can tolerate a failure later in their execution when they attempt to check in their licenses, then it is appropriate to reply "Y" to this request. If these jobs cannot tolerate this error, then reply "N", which will terminate LMSINIT processing, and re-execute LMSINIT to delete this Subsystem at a later time. Reply "R" to check again for outstanding licenses and to reissue this message if licenses are still outstanding, but to continue with delete processing if all licenses have been checked in.

#### **LM5035I OPERATOR REPLY WAS "@@"**

**Severity:** Informational

**Explanation:** This message follows LM5034 and indicates what the operator replied to the request to continue or to terminate.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5036E UNABLE TO SCHEDULE SRB IN MASTER MEMORY**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its processing, it determined that it was unable to schedule an srb in the master scheduler address space.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems programming staff and, if necessary, contact Compuware customer support.

#### **LM5037E UNABLE TO OBTAIN STORAGE FOR NEW SSCT/SSVT**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its processing, it determined that it was unable to acquire common storage to hold a new SSCT and SSVT.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems programming staff and, if necessary, contact Compuware customer support.

#### **LM5038E UNABLE TO OBTAIN STORAGE FOR NEW LICENSE MANAGEMENT GLOBAL AREA**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its processing, it determined that it was unable to acquire common storage to hold the License Management Global area.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems programming staff and, if necessary, contact Compuware customer support.

#### **LM5039E LICENSE FILE RECORD SEQUENCE ERROR. DDNAME @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its processing, it determined that the sequence of records on the named license file is invalid.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems programming staff and, if necessary, contact Compuware customer support.

**LM5040E LICENSE FILE CONTENT VALIDATION ERROR. DDNAME @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during its processing, it determined that one or more records on the named license file is invalid.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems programming staff and, if necessary, contact Compuware customer support.

**LM5041I DISPLACEMENT @@. LMISTATS @@**

**Severity:** Informational

**Explanation:** LMSINIT issues this message during ABEND processing to record the displacement, within the abending module, and the current lmi status bits.

**System Action:** ABEND processing continues.

**User Response:** Record the information in this message and refer the problem to your systems programming staff and, if necessary, contact Compuware customer support.

**LM5042I SUBSYSTEM @@ NOT DELETED FROM SYSTEM @@ DUE TO OPERATOR REPLY**

**Severity:** Informational

**Explanation:** LMSINIT issues this message during DELETE processing when it finds that licenses are currently checked out, and the operator does not allow LMSINIT to continue.

**System Action:** Processing continues.

**User Response:** Wait until all Compuware products that use License processing complete, and then re-execute LMSINIT.

**LM5043E ABEND @@ OCCURRED IN SRB AT DISPLACEMENT @@**

**Severity:** Error

**Explanation:** An SRB is scheduled by LMSINIT to initiate and terminate the PC routine used by License Management. An abend has occurred during execution of the SRB.

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Refer this problem to your systems staff and, if necessary, contact Compuware customer support.

**LM5044E PRODUCT @@ VERSION @@ HAS INVALID AUTHORIZATION KEY**

**Severity:** Error

**Explanation:** This message is issued by LMSINIT to indicate that the authorization key contained in the license file for the specified product and version is invalid.

**System Action:** LMSINIT will continue processing the entire license file, but execution will terminate with a non-zero return code.

**User Response:** Refer this problem to your License Management Administrator and, if necessary, contact Compuware to request a new License Certificate for this product.

**LM5045E OPTION @@ VERSION @@ HAS INVALID AUTHORIZATION KEY**

**Severity:** Error

**Explanation:** This message is issued by LMSINIT to indicate that the authorization key contained in the license file for the specified option and version is invalid.

**System Action:** LMSINIT will continue processing the entire license file, but execution will terminate with a non-zero return code.

**User Response:** Refer this problem to your License Management Administrator and, if necessary, contact Compuware to request a new License Certificate for this product.

**LM5046I PRODUCT @@ VERSION @@ HAS CORRECT AUTHORIZATION KEY**

**Severity:** Informational

**Explanation:** This message is issued by LMSINIT to indicate that the authorization key contained in the license file for the specified product and version is valid.

**System Action:** Processing continues.

**User Response:** None.

**LM5047I OPTION @@ VERSION @@ HAS CORRECT AUTHORIZATION KEY**

**Severity:** Informational

**Explanation:** This message is issued by LMSINIT to indicate that the authorization key contained in the license file for the specified option and version is valid.

**System Action:** Processing continues.

**User Response:** None.

**LM5048E DD @@ DSNAME @@ LOAD ENDED WITH @@**

**Severity:** Error

**Explanation:** The data set designated in this message had a non-zero return code from the load function. If the return code was 4, then only warnings occurred. If the return code is greater than 4, then errors have occurred.

**System Action:** LMSINIT terminates.

**User Response:** Report this problem to your License Management Administrator and, if necessary, contact Compuware to obtain a new License Certificate.

**LM5049E SITE PARAMETER IS INVALID**

**Severity:** Error

**Explanation:** The site parameter specified in the SYSIN data stream is invalid.

**System Action:** LMSINIT terminates.

**User Response:** Correct the problem, and resubmit LMSINIT.

**LM5050E EMERGENCY PASSWORD PARAMETER FORMAT INVALID**

**Severity:** Error

**Explanation:** The emergency password specified in the SYSIN data stream is invalid. Emergency passwords are exactly eight bytes long and must be enclosed in parentheses.

**System Action:** LMSINIT terminates.

**User Response:** Enter the correct Emergency Password and resubmit LMSINIT. Contact Compuware customer support, if necessary.

**LM5051E EMERGENCY PASSWORD CONTAINS INVALID CHARACTERS**

**Severity:** Error

**Explanation:** The emergency password specified in the SYSIN data stream is invalid. Emergency passwords can consist only of the numbers 0-9 and the letters A-F.

**System Action:** LMSINIT terminates.

**User Response:** Enter the correct Emergency Password and resubmit LMSINIT. Contact Compuware customer support, if necessary.

**LM5052E EMERGENCY PASSWORD CONTAINS ALL ZEROS**

**Severity:** Error

**Explanation:** The emergency password specified in the SYSIN data stream is invalid. Emergency passwords cannot consist of only eight zeros.

**System Action:** LMSINIT terminates.

**User Response:** Enter the correct Emergency Password and resubmit LMSINIT. Contact Compuware customer support, if necessary.

**LM5053E EMERGENCY PASSWORD IS INCORRECT**

**Severity:** Error

**Explanation:** The emergency password specified in the SYSIN data stream is invalid. Emergency passwords must be entered as provided by Compuware.

**System Action:** LMSINIT terminates.

**User Response:** Enter the correct Emergency Password and resubmit LMSINIT. Contact Compuware customer support, if necessary.

**LM5054E EMERGENCY PASSWORD PROCESSING HAS FAILED**

**Severity:** Error

**Explanation:** The Emergency Password processing module returned an unexpected return code.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your License Management Administrator and, if necessary, contact Compuware customer support.

**LM5055I SUBSYSTEM @@ IS UNDER EMERGENCY PASSWORD THROUGH @@**

**Severity:** Informational

**Explanation:** A valid emergency password was entered into the SYSIN control stream for LMSINIT. This message verifies that this password was decoded and is valid through midnight on the date shown.

**System Action:** Processing continues.

**User Response:** None.

**LM5056I @@ PRODUCT RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of product records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

**LM5057I @@ PRODUCT CPU RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of product CPU records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

**LM5058I @@ OPTION RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of option records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

**LM5059I @@ OPTION CPU RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of option CPU records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5060I LICENSE FILE RECORDS FOR SITE @@ HAVE BEEN SKIPPED**

**Severity:** Informational

**Explanation:** This informational message indicates the site name of a set of site records that have not been loaded into the license system.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5061I SUBSYSTEM @@, SITE @@ IS IN EMERGENCY MODE THROUGH @@**

**Severity:** Informational

**Explanation:** A valid emergency password was entered into the LAU. This message verifies that this password was decoded and is valid through midnight on the date shown.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5062I SUBSYSTEM @@, SITE @@ EXECUTING IN DISASTER MODE UNTIL @@**

**Severity:** Informational

**Explanation:** A valid disaster indication was entered into the LAU. This message verifies that this indication was valid through midnight on the date shown.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5063E USERID VALUE IS INVALID**

**Severity:** Error

**Explanation:** The USERID specified for remote failure notification is either missing or is longer than seven characters.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5064E TCPIP\_NAME VALUE IS INVALID**

**Severity:** Error

**Explanation:** The TCPIP\_NAME specified for remote failure notification is either missing or is longer than eight characters.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5065E INTERNET\_GATEWAY\_NAME VALUE IS INVALID**

**Severity:** Error

**Explanation:** The INTERNET\_GATEWAY\_NAME specified for remote failure notification is either missing or is longer than 256 characters.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5066E MAIL\_FROM\_NAME VALUE IS INVALID**

**Severity:** Error

**Explanation:** The MAIL\_FROM\_NAME specified for remote failure notification is either missing or is longer than 256 characters.

**System Action:** Processing continues.

**User Response:** None.

**LM5067E INTERNET\_GATEWAY\_ADDR VALUE IS INVALID**

**Severity:** Error

**Explanation:** The INTERNET\_GATEWAY\_ADDR specified for remote failure notification is either missing or is longer than 16 characters.

**System Action:** Processing continues.

**User Response:** None.

**LM5068E INTERNET\_GATEWAY\_PORT VALUE IS INVALID**

**Severity:** Error

**Explanation:** The INTERNET\_GATEWAY\_PORT specified for remote failure notification is either missing, is longer than eight digits, or is not a number between 0 and 32767.

**System Action:** Processing continues.

**User Response:** None.

**LM5069E MAIL\_FROM\_NAME NOT SPECIFIED**

**Severity:** Error

**Explanation:** The MAIL\_FROM\_NAME must be specified whenever a TCPIP\_NAME exists to indicate the sender of the notification.

**System Action:** Processing continues.

**User Response:** None.

**LM5070E NEITHER INTERNET\_GATEWAY\_NAME NOR \_ADDR SPECIFIED**

**Severity:** Error

**Explanation:** Whenever TCPIP\_NAME is specified, then either a INTERNET\_GATEWAY\_NAME or an INTERNET\_GATEWAY\_ADDR must also be specified in order to indicate the name or address of the Internet Gateway Host.

**System Action:** Processing continues.

**User Response:** None.

**LM5071E MAIL\_TO\_SEC\_NAME VALUE IS INVALID**

**Severity:** Error

**Explanation:** The MAIL\_TO\_SEC\_NAME specified for remote failure notification is longer than 256 characters.

**System Action:** Processing continues.

**User Response:** None.

**LM5072E MAIL\_TO\_ABN\_NAME VALUE IS INVALID**

**Severity:** Error

**Explanation:** The MAIL\_TO\_ABN\_NAME specified for remote failure notification is longer than 256 characters.

**System Action:** Processing continues.

**User Response:** None.

**LM5073E FUNCTION= OPERAND MISSING FROM LMSINIT SYSIN**

**Severity:** Error

**Explanation:** The FUNCTION operand is required, and must be specified as "CREATE", "UPDATE", or "DELETE", but this operand is missing.

**System Action:** LMSINIT terminates immediately.

**User Response:** Correct the SYSIN data to contain the FUNCTION operand.



**LM5074E //SYSIN DD STATEMENT IS MISSING**

**Severity:** Error

**Explanation:** The SYSIN DD statement is required and must be included in the LMSINIT JCL, but this DD statement is missing.

**System Action:** LMSINIT terminates immediately.

**User Response:** Add the //SYSIN DD statement to the LMSINIT JCL and resubmit LMSINIT.

**LM5075E BUT HAS ALREADY BEEN DELETED**

**Severity:** Error

**Explanation:** LMSINIT, in processing a FUNCTION(DELETE) request, has discovered that the subsystem in question has already been deleted.

**System Action:** LMSINIT terminates immediately.

**User Response:** Insure that the correct subsystem has been specified. If not, correct the SUBSYSTEM(XXXX) parameter and resubmit LMSINIT.

**LM5076E WARNING: NOT ALL PRODUCTS AND/OR OPTIONS HAVE BEEN LOADED**

**Severity:** Error

**Explanation:** LMSINIT is reporting that the AUTH value for at least one product or option is invalid, and that product or option has not been loaded into the subsystem cache.

**System Action:** The product/option with the invalid AUTH value is not loaded.

**User Response:** Contact your License Management Administrator to investigate the License File DSN being loaded, and, if necessary, contact Compuware to obtain a new License Certificate. Rerun LMSINIT. Meanwhile, all products/options with valid AUTH values will be loaded into the subsystem.

**LM5077I ALL COMPUWARE PRODUCTS WILL BE ALLOWED TO EXECUTE**

**Severity:** Informational

**Explanation:** This is the first of a two part message. See message LM5078 for the explanation of this message.

**System Action:** Processing Continues

**User Response:** None.

**LM5078I FOR THE DURATION OF THE @@**

**Severity:** Informational

**Explanation:** This is the second part of a two part message. This message is issued by LMSINIT when a license file is found to contain a valid "EMERGENCY" or "DISASTER" indicator set. This message replaces message LM5056, LM5057, LM5058, and LM5059. Normal expiration and CPU checking will not occur again until the time limit of the Emergency or Disaster has expired.

**System Action:** Processing Continues

**User Response:** None.

**LM5079E SITE OPERAND NOT SPECIFIED AND IS REQUIRED**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user-supplied control statements, no value was specified for "SITE". The SITE operand is required and must be specified.

**System Action:** LMSINIT terminates execution.

**User Response:** Contact your License Management Administrator, if necessary, to add the SITE operand, and re-execute LMSINIT.

**LM5081E DDNAME @@ IS NOT REPRESENTED BY A DD STATEMENT**

**Severity:** Error

**Explanation:** LMSINIT issues this message when the DDNAME specified in a SITE(ddname,xxx) operand has no corresponding DD statement pointing to a VSAM license file. Each ddname specified on the SITE operand must have a corresponding DD statement in the JCL used to initiate LMSINIT.

**System Action:** Processing terminates with no license cache loaded.

**User Response:** Add the required DD statement to the JCL, and re-execute LMSINIT.

#### **LM5082E NO LICENSE FILES AVAILABLE FOR LOADING**

**Severity:** Error

**Explanation:** LMSINIT issues this message when no license files have been allocated within the LMSINIT JCL.

**System Action:** Processing ends with no license cache loaded.

**User Response:** Add the required DD statement to the JCL, and re-execute LMSINIT.

#### **LM5083I PROCESSOR UPGRADE EXIT HAS BEEN ENABLED**

**Severity:** Informational

**Explanation:** LMSINIT issues this message to indicate that the exit that will be driven to indicate a processor upgrade is active.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5084E PROCESSOR UPGRADE EXIT NOT ENABLED. RC=@@**

**Severity:** Error

**Explanation:** LMSINIT issues this message to indicate that the exit that will be driven to indicate a processor upgrade cannot be activated. The return code from the ENFREQ macro is given.

**System Action:** Processing continues without the exit.

**User Response:** None.

#### **LM5085E LICENSE FILE DDNAME @@ CONTAINS NO RECORDS**

**Severity:** Error

**Explanation:** LMSINIT issues this message to indicate that the license file currently being processed contains no customer, site, or product records. The file is essentially empty.

**System Action:** Processing ends with a return code of 16 and a reason code of 509.

**User Response:** Execute the LAU and import a valid certificate into the license file. Or, if more than one file is being loaded by LMSINIT, remove the DD statement that points to the empty license file.

#### **LM5086E LICENSE FILE DDNAME @@ CONTAINS NO SITE NOR PRODUCT RECORDS**

**Severity:** Error

**Explanation:** LMSINIT issues this message to indicate that the license file currently being processed contains a customer record but no site or product records.

**System Action:** Processing ends with a return code of 16 and a reason code of 510.

**User Response:** Execute the LAU and import a valid certificate into the license file. Or, if more than one file is being loaded by LMSINIT, remove the DD statement that points to the empty license file.

#### **LM5087E SUBSYSTEM\_ID OPERAND IS MISSING AND IS REQUIRED**

**Severity:** Error

**Explanation:** The required parameter, SUBSYSTEM\_ID, is missing.

**System Action:** Processing ends with a return code of 16 and a reason code of 482.

**User Response:** Correct the LMSINIT parameters by adding a SUBSYSTEM\_ID parameter, and rerun LMSINIT.

#### **LM5088E SERVICE\_BUREAU VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for SERVICE\_BUREAU is neither "YES" nor "NO".

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the SERVICE\_BUREAU specification in the control data set, and re-execute LMSINIT.

#### **LM5100I JOB @@@@/@@ COMPLETED. RETURN CODE = @@ @@**

**Severity:** Informational

**Explanation:** LMSINIT issues this message to indicate that its execution was completely successful.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5101I JOB @@@@/@@ COMPLETED. RETURN CODE = @@ @@**

**Severity:** Informational

**Explanation:** LMSINIT issues this message to indicate that its execution was successful with one or more warning messages.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5102E JOB @@@@/@@ COMPLETED. RETURN CODE = @@ @@**

**Severity:** Error

**Explanation:** LMSINIT issues this message to indicate that its execution was unsuccessful. One or more error messages can be found in the report produced by LMSINIT.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM5120E EMAIL PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The EMAIL parameter must contain one or two subparameters, PRODUCT and/or OPTION. Each of these can specify NONE, WARN or FAIL.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM5121I @@ PRODUCT CPU LPAR RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of product CPU LPAR records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5122I @@ OPTION CPU LPAR RECORDS LOADED INTO SUBSYSTEM @@, SITE @@**

**Severity:** Informational

**Explanation:** This informational message indicates the total number of option CPU LPAR records that LMSINIT has read and loaded into the system for the designated site.

**System Action:** Processing continues.

**User Response:** None.

#### **LM5123E @@ UNRECOVERABLE PROGRAM ABEND HAS OCCURRED WITHIN LMSINIT**

**Severity:** Error

**Explanation:** This message indicates that an abend has occurred during LMSINIT processing. This abend has resulted in an unstable license cache, which cannot, therefore, be used.

**System Action:** LMSINIT deletes the subsystem.

**User Response:** The cause of the abend must be determined, and must be repaired before any Compuware products can be run. A dump has been taken which must be examined, the cause of which determined and the failure must be repaired.

#### **LM5124E SUBSYSTEM @@ WILL BE DELETED AND CANNOT BE USED**

**Severity:** Error

**Explanation:** This message indicates that the subsystem just created will be unilaterally deleted. Compuware products which require this subsystem cannot be run until this problem is fixed and LMSINIT has been run successfully.

**System Action:** LMSINIT terminates immediately.

**User Response:** The cause of the abend must be determined, and must be repaired before any Compuware products can be run. A dump has been taken which must be examined, the cause of which determined and the failure must be repaired.

#### **LM5125E @@ CATASTROPHIC ERROR ENCOUNTERED WITHIN LMSINIT**

**Severity:** Error

**Explanation:** This message indicates that an error has occurred during LMSINIT processing. This error has resulted in an unstable license cache, which cannot, therefore, be used.

**System Action:** LMSINIT deletes the subsystem.

**User Response:** The cause of the error must be determined, and must be repaired before any Compuware products can be run.

#### **LM5126E SUBSYSTEM @@ WILL BE DELETED AND CANNOT BE USED**

**Severity:** Error

**Explanation:** This message indicates that the subsystem just created will be unilaterally deleted. Compuware products which require this subsystem cannot be run until this problem is fixed and LMSINIT has been run successfully.

**System Action:** LMSINIT terminates immediately.

**User Response:** The cause of the abend must be determined, and must be repaired before any Compuware products can be run. A dump has been taken which must be examined, the cause of which determined and the failure must be repaired.

#### **LM5127E CHECKPOINT DATA SET NOT DEFINED**

**Severity:** Error

**Explanation:** LMS 2.0 requires the existence of a checkpoint data set. LMS will automatically allocate this data set even if it does not exist, and will use an existing one if it does. But its name (and optionally its VOLSER and/or SMS parameters) must be defined to LMSINIT.

**System Action:** LMSINIT terminates immediately.

**User Response:** Either specify CHKPT\_DSNAME(yyy) in the LMSINIT parms or see the LMS User's Guide for a discussion as to how JCL can be used to define this data set. You do not need to allocate this data set before use: LMSINIT will do that for you.

#### **LM5128E SITE\_WARNING VALUE IS INVALID**

**Severity:** Error

**Explanation:** LMSINIT issues this message when, during the parsing of the user supplied control statements, the value specified for SITE\_WARNING is neither "YES" nor "NO".

**System Action:** LMSINIT terminates without making any changes to the License Management environment.

**User Response:** Correct the SITE\_WARNING specification in the control data set, and re-execute LMSINIT.

#### **LM5129I DD @@ DSNAME @@ LOAD ENDED WITH @@**

**Severity:** Informational

**Explanation:** The data set designated in this message had a condition associated with its load function that required a message to be written. This message highlights that condition, and indicates that all the messages should be examined to see if the condition is one that might require user intervention.

**System Action:** Processing continues.

**User Response:** Examine all the messages from LMSINIT to see if manual intervention might be required.

#### **LM5130E OPERATOR COMMAND @@ IS INVALID**

**Severity:** Error

**Explanation:** The operator command named in this message is not specified correctly.  
e

**System Action:** LMSINIT terminates.

**User Response:** Insure that the commands are correctly enclosed within single or double quotes, and that the entire parameter is enclosed with parentheses. The maximum length of a command is 126 bytes.

#### **LM5131E INSUFFICIENT SECURITY ACCESS TO ISSUE OPERATOR COMMAND**

**Severity:** Error

**Explanation:** A RACROUTE call was made to the security processor on your system, to insure that the USERID under which LMSINIT is e running has at least CONTROL access to the FACILITY CLASS entity named CPWR.PRODUCT.LICENSE.LM010001. The return code from RACROUTE indicates that this USERID does not have this level of access.

**System Action:** LMSINIT terminates.

**User Response:** Either remove the COMMAND parameters from LMSINIT, or grant CONTROL access to the FACILITY CLASS entity for the USERID under which LMSINIT is running.

#### **LM6000E LMSCHKPT DD IS NOT PRESENT IN LMSINIT JCL. RC=@@**

**Severity:** Error

**Explanation:** The LMSCHKPT DD is required.

**System Action:** LMSINIT terminates.

**User Response:** Add the LMSCHKPT DD to the LMSINIT JCL and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

#### **LM6001E LMSCHKPT DEALLOCATION ERROR. RC=@@,@@,@@**

**Severity:** Error

**Explanation:** LMSINIT was unable to deallocate and delete the dummy data set named in the LMSINIT JCL with DDNAME LMSCHKPT.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6002E LMSCHKPT IDCAMS DEFINE ERROR. RC=@@,@@,@@**

**Severity:** Error

**Explanation:** LMSINIT invoked IDCAMS to define a new checkpoint data set. IDCAMS was unsuccessful in this effort.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6003E LMSCHKPT ALLOCATION ERROR. RC=@@,@@,@@**

**Severity:** Error

**Explanation:** LMSINIT could not allocate the new checkpoint data set that was just defined by IDCAMS.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6004E LMSCHKPT ACB GENCB ERROR. RC=@@,@@**

**Severity:** Error

**Explanation:** VSAM returned a non-zero return code from GENCB for the generation of an ACB.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6005E LMSCHKPT RPL GENCB ERROR. RC=@@,@@**

**Severity:** Error

**Explanation:** VSAM returned a non-zero return code from GENCB for the generation of an RPL.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6006E LMSCHKPT LOAD ACB OPEN FAILURE. RC=@@,@@**

**Severity:** Error

**Explanation:** VSAM returned a non-zero return code from OPEN ACB.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6007E LMSCHKPT STORAGE OBTAIN FAILURE. RC=@@**

**Severity:** Error

**Explanation:** LMSINIT was unable to obtain storage for a checkpoint data record.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6008E LMSCHKPT DEALLOCATION ERROR. RC=@@,@@,@@**

**Severity:** Error

**Explanation:** LMSINIT was unable to deallocate the checkpoint data set, which was just previously allocated.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6009E LMSCHKPT ALLOCATION ERROR. RC=@@,@@,@@**

**Severity:** Error

**Explanation:** LMSINIT could not allocate the checkpoint data set for load processing.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6010E LMSCHKPT ACB CLOSE FAILURE. RC=@@**

**Severity:** Error

**Explanation:** LMSINIT could not close the checkpoint data set after load processing.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6011E LMSCHKPT UPDATE ACB OPEN FAILURE. RC=@@,@@**

**Severity:** Error

**Explanation:** VSAM returned a non-zero return code from OPEN ACB.

**System Action:** LMSINIT terminates.

**User Response:** Refer this problem to your LMS support staff, or to Compuware. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 (z/OS) image.

**LM6012I LMSCHKPT UPDATE PROCESSING COMPLETED SUCCESSFULLY**

**Severity:** Informational

**Explanation:** The checkpoint data set has been updated successfully.

**System Action:** Processing continues.

**User Response:** None.

**LM6013E CHKPT\_DSNAME PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The CHKPT\_DSNAME parameter must not be longer than 44 bytes, and must be a validly specified data set name.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

**LM6014E CHKPT\_VOLSER PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The CHKPT\_VOLSER parameter must be exactly 6 bytes long, and must be a validly specified volume serial.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6015E CHKPT\_STORCLASS PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The CHKPT\_STORCLASS parameter cannot be greater than 8 bytes long, and must be a validly specified class name.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6016E CHKPT\_MGMTCLASS PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The CHKPT\_MGMTCLASS parameter cannot be greater than 8 bytes long, and must be a validly specified class name.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6017E CHKPT\_DATACLASS PARAMETER IS CODED INCORRECTLY**

**Severity:** Error

**Explanation:** The CHKPT\_DATACLASS parameter cannot be greater than 8 bytes long, and must be a validly specified class name.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6018E LMSCHKPT LOAD MODE PUT FAILED. RC=@@,@@,@@,@@**

**Severity:** Error

**Explanation:** A non-zero return code resulted from the PUT macro used to load the checkpoint data set. The 4-byte return codes from the VSAM RPL are shown in the message.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6019E LMSCHKPT UPDATE MODE PUT FAILED. RC=@@,@@,@@,@@**

**Severity:** Error

**Explanation:** A non-zero return code resulted from the PUT macro used to update the checkpoint data set. The 4-byte return codes from the VSAM RPL are shown in the message.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6020E LMSCHKPT UPDATE MODE GET FAILED. RC=@@,@@,@@,@@**

**Severity:** Error

**Explanation:** A non-zero return code resulted from the GET macro attempting to read the checkpoint data set. The 4-byte return codes from the VSAM RPL are shown in the message.



**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6021E LMSCHKPT UNABLE TO OBTAIN CSA STORAGE. RC=@@**

**Severity:** Error

**Explanation:** A non-zero return code resulted from the STORAGE OBTAIN macro when attempting to obtain CSA storage in which to hold the cached copy of the checkpoint data set record.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6022E NON-ZERO RETURN CODE FROM ENFREQ LISTEN. RC=@@**

**Severity:** Error

**Explanation:** A non-zero return code resulted from the ENFREQ macro when attempting to establish an event notification exit for CPU upgrade, or LPAR capacity upgrade events.

**System Action:** LMSINIT terminates.

**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.

#### **LM6023I @@ CPU UPGRADE ON DEMAND RECORDED BY COMPUWARE LMS**

**Severity:** Informational

**Explanation:** A dynamic CPU upgrade on demand has been performed, and LMS is reporting that it has recorded the event.

**System Action:** Processing continues.

**User Response:** None

#### **LM6024I @@ CPU SERIAL NUMBER=@@**

**Severity:** Informational

**Explanation:** A dynamic CPU upgrade on demand has been performed, and LMS is recording the CPU serial number.

**System Action:** Processing continues.

**User Response:** None

#### **LM6025I @@ PREVIOUS CPU MODEL=@@. CURRENT CPU MODEL=@@**

**Severity:** Informational

**Explanation:** A dynamic CPU upgrade on demand has been performed, and LMS is recording the old and new CPU models.

**System Action:** Processing continues.

**User Response:** None

#### **LM6026I @@ PLEASE RUN LMSINIT AT YOUR EARLIEST CONVENIENCE**

**Severity:** Informational

**Explanation:** A dynamic CPU upgrade on demand has been performed, and in order that this upgrade can be reflected in the checkpoint data set, it is important that LMSINIT be run.

**System Action:** Processing continues.

**User Response:** When convenient, execute LMSINIT in order that the checkpoint data set can be updated with the upgraded CPU information.

**LM6027I @@ LPAR DEFINED CAPACITY CHANGE RECORDED BY COMPUWARE LMS****Severity:** Informational**Explanation:** A change in the defined capacity of the LPAR on which this LMS is running has occurred, and has been recorded by this LMS system.**System Action:** Processing continues.**User Response:** None**LM6028I @@ CPU SERIAL NUMBER=@@, LPAR NAME=@@****Severity:** Informational**Explanation:** A change in the defined capacity of the LPAR named in this message, on the CPU with the serial number named in this message has occurred. LMS has recorded this event.**System Action:** Processing continues.**User Response:** None**LM6029I @@ PREVIOUS LPAR CAPACITY=@@. CURRENT LPAR CAPACITY=@@****Severity:** Informational**Explanation:** A change in the defined capacity of the LPAR on which LMS is running has occurred, and has been recorded by LMS. The previous and new capacity values are shown in this message.**System Action:** Processing continues.**User Response:** None**LM6030I @@ PLEASE RUN LMSINIT AT YOUR EARLIEST CONVENIENCE****Severity:** Informational**Explanation:** A change in the defined capacity of the LPAR on which LMS is running has occurred, and has been recorded by LMS. It is important that this information be written to the LMSINIT checkpoint data set as soon as is convenient.**System Action:** Processing continues.**User Response:** When convenient, execute LMSINIT in order that the checkpoint data set can be updated with the updated capacity values.**LM6031E LMSCHKPT VSAM POINT FAILED. RC=@@,@@,@@,@@****Severity:** Error**Explanation:** A non-zero return code resulted from the POINT macro attempting to position the checkpoint data set to the first record for the current system and subsystem names. The return codes from the VSAM RPL are shown in the message.**System Action:** LMSINIT terminates.**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.**LM6032E LMSCHKPT VSAM ERASE FAILED. RC=@@,@@,@@,@@****Severity:** Error**Explanation:** A non-zero return code resulted from the ERASE macro attempting to delete a record from the checkpoint data set. The return codes from the VSAM RPL are shown in the message.**System Action:** LMSINIT terminates.**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.**LM6033I PRODUCT @@ VERSION @@ DELETED FROM CHECKPOINT FILE****Severity:** Informational

**Explanation:** The product name and version code named in this message has been deleted from the checkpoint data set because this product/version no longer exists in the subsystem cache.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6034I THE @@ OPTION OF @@ VERSION @@ DELETED FROM CHECKPOINT FILE**

**Severity:** Informational

**Explanation:** The option of the product/version named in this message has been deleted from the checkpoint data set because this option no longer exists in the subsystem cache.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6035I PRODUCT @@ VERSION @@ ADDED TO CHECKPOINT FILE**

**Severity:** Informational

**Explanation:** The product name and version code named in this message has been added to the checkpoint data set because this product/version has been found in the subsystem cache.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6036I THE @@ OPTION OF @@ VERSION @@ ADDED TO CHECKPOINT FILE**

**Severity:** Informational

**Explanation:** The option of the product/version named in this message has been added to the checkpoint data set because this option has been found in the subsystem cache.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6037I PRODUCT @@ VERSION @@ UPDATED ON CHECKPOINT FILE**

**Severity:** Informational

**Explanation:** The product name and version code named in this message has been updated on the checkpoint data set because this product/version has been found in the subsystem cache and it already existed on the checkpoint data set.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6038I THE @@ OPTION OF @@ VERSION @@ UPDATED ON CHECKPOINT FILE**

**Severity:** Informational

**Explanation:** The option of the product/version named in this message has been updated on the checkpoint data set because this option has been found in the subsystem cache, and it already existed on the checkpoint data set.

**System Action:** Processing continues.

**User Response:** None.

#### **LM6039E INSUFFICIENT SECURITY ACCESS TO CHKPT: @@**

**Severity:** Error

**Explanation:** The security system (RACF, ACF/2 or TOPSECRET) has indicated that the USERID under which LMSINIT is running does not have CONTROL access to the checkpoint data set.

**System Action:** The checkpoint data set is not updated.

**User Response:** Either grant CONTROL access to the LMSINIT USERID, or run LMSINIT under a different USERID which does have CONTROL access to the checkpoint data set.

**LM6040E @@ LMSCHKPT UPDATE MODE PUT FAILED. RC=@@,@@,@@,@@****Severity:** Error**Explanation:** A non-zero return code resulted from the PUT macro used to update the checkpoint data set. The 4-byte return codes from the VSAM RPL are shown in the message.**System Action:** LMSINIT terminates.**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.**LM6041E @@ LMSCHKPT UPDATE MODE GET FAILED. RC=@@,@@,@@,@@****Severity:** Error**Explanation:** A non-zero return code resulted from the GET macro attempting to read the checkpoint data set. The 4-byte return codes from the VSAM RPL are shown in the message.**System Action:** LMSINIT terminates.**User Response:** Investigate the reason for the errors, correct, and rerun LMSINIT. Until LMSINIT has completed with no higher than return code 4, Compuware products cannot be executed on this OS/390 image.**LM6042I @@ PRODUCT @@ VERSION @@ UPDATED ON CHECKPOINT FILE****Severity:** Informational**Explanation:** The product name and version code named in this message has been updated on the checkpoint data set because this product/version has been found in the subsystem cache and it already existed on the checkpoint data set.**System Action:** Processing continues.**User Response:** None.**LM6043I @@ THE @@ OPTION OF @@ VERSION @@ UPDATED ON CHECKPOINT FILE****Severity:** Informational**Explanation:** The option of the product/version named in this message has been updated on the checkpoint data set because this option has been found in the subsystem cache, and it already existed on the checkpoint data set.**System Action:** Processing continues.**User Response:** None.

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## License Certificate Content Messages

**WLM001I \*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM002I \*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM003I \*\*\*\*\* COMPUWARE CORPORATION \*\*\*\*\*****Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM004I \*\*\*\*\* LICENSE MANAGEMENT \*\*\*\*\***

**Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM005I \*\*\*\*\* COPYRIGHT (C) 1998, 1999 \*\*\*\*\***

**Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM006I \*\*\*\*\* BY COMPUWARE CORPORATION. ALL RIGHTS RESERVED. \*\*\*\*\***

**Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM007I \*\*\*\*\* \*\*\*\*\***

**Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM008I \*\*\*\*\* \*\*\*\*\***

**Severity:** Informational

**Explanation:** This message constitutes part of the "banner".

**System Action:** Processing continues.

**User Response:** None

**WLM009I \*\*\*\*\* PRODUCT/OPTION AND CPU INFORMATION FOLLOWS: \*\*\*\*\***

**Severity:** Informational

**Explanation:** The following information is displayed and is associated with the current warning or error message: Product Name, Product Version, Option Name, Option Version, and executing CPU ID.

**System Action:** Processing continues.

**User Response:** None

**WLM010I \*\*\*\*\* ##01 ##03 ##04 ##06 ##07**

**Severity:** Informational

**Explanation:** The following information is displayed and is associated with the current warning or error message: Product Name, Product Version, Option Name, Option Version, and executing CPU id.

**System Action:** Processing continues.

**User Response:** None

**WLM011I \*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM012I \*\*\*\*\*****\*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM013I \*\*\*\*\*****COMPUWARE PRODUCT SUPPORT HOTLINE****\*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM014I \*\*\*\*\*****U.S. AND CANADA....1-800-538-7822****\*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM015I \*\*\*\*\*****ALL OTHER.....1-248-737-8423****\*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM016I \*\*\*\*\*****\*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM017I \*\*\*\*\*****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None**WLM018I \*\*\*\*\* ##10****Severity:** Informational**Explanation:** This message constitutes part of the "banner".**System Action:** Processing continues.**User Response:** None

**WLM019I \*\*\*\*\* CUSTOMER NUMBER: ##09**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM020I \*\*\*\*\* ##12**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM021I \*\*\*\*\* SITE NUMBER: ##16**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM022I \*\*\*\*\* ##13**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM023I \*\*\*\*\* SUBSYSTEM ID: ##21**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM024I \*\*\*\*\* CERTIFICATE ID: ##22**

Severity: Informational

Explanation: This message constitutes part of the "banner".

System Action: Processing continues.

User Response: None

**WLM025I \*\*\*\*\* CUSTOMER AND SITE INFORMATION FOLLOWS:**

Severity: Informational

Explanation: The data following this message contains the customer name and number and the site name and number.

System Action: Processing continues.

User Response: None

**WLM026I \*\*\*\*\* CURRENT ENVIRONMENTAL INFORMATION FOLLOWS:**

Severity: Informational

Explanation: The data following this message is specific to a single environment, which is the license file name, the subsystem ID and the associated certificate ID.

System Action: Processing continues.

User Response: None

**WLM500W \*\*\*\*\* WARNING**

**Severity:** Warning

**Explanation:** The product/option is running on a CPU that has had a dynamic upgrade performed on it, but no new certificate has been obtained from Compuware.

**System Action:** Execution of the product is allowed, but this (and any subsequent) warning messages will always be displayed until a new certificate for this product is obtained.

**User Response:** Notify personnel at your company that this message has been received so that they can contact Compuware and obtain a valid license certificate.

**WLM501W \*\*\*\*\***

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM502W \*\*\*\*\* THIS SOFTWARE IS RUNNING ON A CPU WHICH IS NOT**

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM503W \*\*\*\*\* LICENSED. PLEASE CONTACT COMPUWARE CORPORATE**

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM504W \*\*\*\*\* IMMEDIATELY AT 1-800-538-7822 TO OBTAIN A LICENSE**

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM505W \*\*\*\*\* FOR THIS CPU. FAILURE TO DO SO MAY RESTRICT THE**

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM506W \*\*\*\*\* USE OF THE SOFTWARE ON THIS CPU.**

**Severity:** Warning

**Explanation:** See message WLM500.

**System Action:** See message WLM500.

**User Response:** None

**WLM553E \*\*\*\*\* A REQUEST FOR AN INVALID PRODUCT HAS OCCURRED**

**Severity:** Error

**Explanation:** You do not have a valid license certificate for this product.

**System Action:** The Compuware product is notified that it should not execute.



**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate for this product.

**WLM555E \*\*\*\*\* A REQUEST FOR AN INVALID OPTION HAS OCCURRED**

**Severity:** Error

**Explanation:** You do not have a valid license certificate for this option.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate for this product.

**WLM560E \*\*\*\*\* CURRENT USER IS NOT AUTHORIZED TO ACCESS LICENSE FILES**

**Severity:** Error

**Explanation:** The user requesting the License checkout is not authorized to access that License File.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** See the "Enterprise Common Components License Management System User Reference" for a discussion of multiple license files in a service bureau or non-service bureau environment. You will probably need to update your system security "RACE,TOPSECRET,ACF/2".

**WLM561E \*\*\*\*\* INVALID PRODUCT AUTHORIZATION KEY**

**Severity:** Error

**Explanation:** The cached AUTH value does not match that of the License File. This may be because of an accidental overlay of some or all LMSINIT storage.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Rerun LMSINIT.

**WLM562E \*\*\*\*\* INVALID PRODUCT START DATE**

**Severity:** Error

**Explanation:** The starting date for the requested product is greater than the current system date.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Wait until the specified date to run the product, or obtain a new License Certificate from Compuware.

**WLM563E \*\*\*\*\* THE REQUESTED PRODUCT LICENSE HAS EXPIRED**

**Severity:** Error

**Explanation:** The product License Certificate has expired.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM564E \*\*\*\*\* INVALID DISASTER RECOVERY START DATE**

**Severity:** Error

**Explanation:** The Disaster Recovery Start Date is higher than the current system date.

**System Action:** Disaster processing for the product is terminated.

**User Response:** Restore your license file from a current backup. Execute the LAU, and re-establish the disaster status. Rerun LMSINIT and retry the Compuware product.

**WLM565I \*\*\*\*\* DISASTER RECOVERY IS NO LONGER ACTIVE**

**Severity:** Informational

**Explanation:** The seven-day disaster recovery period has ended.

**System Action:** Processing continues.

**User Response:** In order to eliminate this message, restore your license file from the current backup, which does not contain the disaster recovery indication.

**WLM566I \*\*\*\*\* PRODUCT ##01 ##03 IS IN DISASTER RECOVERY MODE**

**Severity:** Informational

**Explanation:** This message is returned to the calling program indicating that the product named is currently executing in disaster recovery mode.

**System Action:** Processing continues.

**User Response:** None

**WLM567E \*\*\*\*\* SPECIAL ACCESS START DATE IS IN THE FUTURE**

**Severity:** Error

**Explanation:** The Special Access is ignored due to an invalid start date.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Wait until the License Certificate Special Access Start Date, or contact Compuware World Wide License Management for a corrected License Certificate.

**WLM568E \*\*\*\*\* THE SPECIAL ACCESS LICENSE HAS EXPIRED**

**Severity:** Error

**Explanation:** The Special Access has expired. The License Certificate will be applied but without Special Access.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate, if necessary.

**WLM569E \*\*\*\*\* PRODUCT NOT LICENSED ON SPECIFIED CPU**

**Severity:** Error

**Explanation:** Your License Certificate for this product does not include this CPU ID.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate, if necessary.

**WLM570E \*\*\*\*\* THE CPU GRACE PERIOD HAS EXPIRED**

**Severity:** Error

**Explanation:** Your 120-day grace period for this product has expired.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate, if necessary.

**WLM571I \*\*\*\*\* PRODUCT ##01 ##03 IS EXECUTING WITHIN**

**Severity:** Informational

**Explanation:** This is the first part of a two-part message. WLM594 is also issued.

**System Action:** Processing continues.

**User Response:** None.

**WLM572E \*\*\*\*\* INVALID OPTION AUTHORIZATION KEY**

**Severity:** Error

**Explanation:** The cached AUTH value does not match that of the License Certificate File. This may be due to an accidental overlay of some or all LMSINIT storage.

**System Action:** The Compuware option is notified that it should not execute.

**User Response:** Rerun LMSINIT.

**WLM573E \*\*\*\*\* INVALID OPTION START DATE**

**Severity:** Error

**Explanation:** The Start Date for the requested Option is greater than the current system date.

**System Action:** The Compuware option is notified that it should not execute.

**User Response:** Wait until the specified date to run the Option, or obtain a new License Certificate from Compuware World Wide License Management.

**WLM574E \*\*\*\*\* THE REQUESTED OPTION LICENSE HAS EXPIRED**

**Severity:** Error

**Explanation:** The Option License Certificate has expired.

**System Action:** The Compuware option is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM575E \*\*\*\*\* INVALID DISASTER RECOVERY START DATE**

**Severity:** Error

**Explanation:** The Disaster Recovery Start Date is higher than the current system date.

**System Action:** Disaster processing for the product is terminated.

**User Response:** Restore your license file from a current backup. Execute the LAU and re-establish the disaster status. Rerun LMSINIT and retry the Compuware product.

**WLM576I \*\*\*\*\* DISASTER RECOVERY IS NO LONGER ACTIVE**

**Severity:** Informational

**Explanation:** The seven-day disaster recovery period has ended.

**System Action:** Processing continues.

**User Response:** In order to eliminate this message, restore your license file from the current backup, which does not contain disaster recovery indication.

**WLM577I \*\*\*\*\* PRODUCT ##01 ##03 OPTION ##04 ##06**

**Severity:** Informational

**Explanation:** The product and option named are currently executing in disaster recovery mode. This is the first part of a two-part message. WLM596 is the second part.

**System Action:** Processing continues.

**User Response:** None

**WLM578E \*\*\*\*\* SPECIAL ACCESS START DATE IS IN THE FUTURE**

**Severity:** Error

**Explanation:** The Special Access License is ignored due to an invalid start date.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Wait until the License Certificate Special Access Start Date, or Contact Compuware World Wide License Management for a corrected License Certificate.

**WLM579E \*\*\*\*\* THE SPECIAL ACCESS LICENSE HAS EXPIRED**

**Severity:** Error

**Explanation:** The Special Access license has expired. License Certificate will be applied but without Special Access.

**System Action:** Processing continues.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM580E \*\*\*\*\* THE PRODUCT GRACE PERIOD HAS EXPIRED**

**Severity:** Error

**Explanation:** Your 45-day option grace period has expired.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management in order to obtain a valid License Certificate for this product.

**WLM581E \*\*\*\*\* PRODUCT OPTION NOT LICENSED ON SPECIFIED CPU**

**Severity:** Error

**Explanation:** Your License Certificate for this Option does not include this CPU ID.

**System Action:** The Compuware Option is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate, if necessary.

**WLM582I \*\*\*\*\* PRODUCT ##01 ##03 OPTION ##04 ##06**

**Severity:** Informational

**Explanation:** The product and option named is executing only because the current date is within the product grace period. This is the first of a two-part msg. WLM595 is the second part.

**System Action:** Processing continues.

**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate.

**WLM585E \*\*\*\*\* PRODUCT NOT LICENSED ON THE SPECIFIED CPU**

**Severity:** Error

**Explanation:** Your License Certificate for this product does not include this CPU ID.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management in order to obtain a valid License Certificate for this product.

**WLM586E \*\*\*\*\* OPTION NOT LICENSED ON THE SPECIFIED CPU**

**Severity:** Error

**Explanation:** Your License Certificate for this option does not include this CPU ID.

**System Action:** The Compuware product is notified that it should not execute.

**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate, if necessary.

**WLM590I \*\*\*\*\* PRODUCT IN COUNTDOWN WITH 14 OR FEWER DAYS REMAINING**

**Severity:** Informational

**Explanation:** The License Certificate End Date is within 14 days. At the end of the 14 days, the product will not execute.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware, if necessary, to obtain a valid License Certificate.

**WLM591I \*\*\*\*\* SPECIAL ACCESS COUNTDOWN WITH 14 OR FEWER DAYS REMAINING**

**Severity:** Informational

**Explanation:** The Special Access End Date on the License Certificate is within 14 days. The Special Access will expire and will not apply for access at the end of the 14 days.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware, if necessary, to obtain a new License Certificate.

**WLM592I \*\*\*\*\* OPTION IN COUNTDOWN WITH 14 OR FEWER DAYS REMAINING**

**Severity:** Informational

**Explanation:** The option License Certificate End Date is within 14 days. The option will not execute at the end of the 14 days.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware, if necessary, to obtain a valid License Certificate.

**WLM593I \*\*\*\*\* SPECIAL ACCESS COUNTDOWN WITH 14 OR FEWER DAYS REMAINING**

**Severity:** Informational

**Explanation:** The Special Access End Date on the License Certificate is within 14 days. At the end of the 14 days, the Special Access will expire.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware, if necessary, to obtain a new License Certificate.

**WLM594I \*\*\*\*\* THE CPU GRACE PERIOD**

**Severity:** Informational

**Explanation:** The product is executing on a CPU not listed in the License Certificate. It is the second part of a two-part message. The first part of the message is WLM571.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware, if necessary, to obtain a valid License Certificate.

**WLM595I \*\*\*\*\* IS EXECUTING WITHIN PRODUCT GRACE**

**Severity:** Informational

**Explanation:** The product/option named is executing only because the current date is within the product grace period. This is the second part of a two-part message. WLM582 is the first part of the message.

**System Action:** Processing continues.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM596I \*\*\*\*\* IS IN DISASTER RECOVERY MODE**

**Severity:** Informational

**Explanation:** The product and option named are currently executing in disaster recovery mode. This is the second part of a two-part message. The first part is WLM577.

**System Action:** Processing continues.

**User Response:** None

**WLM599I \*\*\*\*\* CPU NOT IDENTIFIABLE BY TABLE NOR CERTIFICATE**

**Severity:** Informational

**Explanation:** This message is included on any e-mail message that is generated when a product or option is allowed to execute even though the current CPU is STSI-capable, the model number is not included in the LMS table, and the certificate does not contain the STSI-generated model identification.

**System Action:** Processing continues.

**User Response:** Contact Compuware Worldwide License Management immediately so that new certificates for your Compuware products can be generated and transmitted to you which contain the correct CPU model identification as returned by the STSI instruction.

**WLM602I \*\*\*\*\* USING EMERGENCY PASSWORD THROUGH ##20****Severity:** Informational**Explanation:** A valid emergency password was entered into the LAU. This message verifies that a valid password was applied, and it will allow product execution through midnight of the date shown.**System Action:** Processing continues.**User Response:** None.**WLM608E \*\*\*\*\* OS/390 STSI or CSRSI FAILURE****Severity:** Error**Explanation:** License Management is running on a CPU which supports Dynamic CPU Upgrade, but the call to the CSRSI service has resulted in a return code greater than 4. The service cannot return valid CPU information.**System Action:** Processing continues.**User Response:** Contact Compuware Worldwide License Management immediately so that a TEMP\_CPU certificate can be installed which will allow you to execute your Compuware products. In the meantime, investigate why your OS/390 is unable to return valid CPU information.**WLM611E START DATE NOT < END DATE****Severity:** Error**Explanation:** The imported License Certificate has an error in the Start or End Dates(s). The Product START date must be less than the Product END date.**System Action:** The program continues certificate validation.**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary to obtain a valid License Certificate.**WLM612E START DATE NOT < MAINT DATE****Severity:** Error**Explanation:** The Product START date must be less than the Product MAINT date.**System Action:** The program continues certificate validation.**User Response:** Contact Compuware World Wide License Management for a new License Certificate.**WLM613E MAINT DATE > END DATE****Severity:** Error**Explanation:** The Product MAINT date must not be greater than the Product END date.**System Action:** The program continues certificate validation.**User Response:** Correct the dates or contact Compuware World Wide License Management for a new Certificate.**WLM614E SP\_START DATE > SP\_END DATE****Severity:** Error**Explanation:** The License Certificate has an error in the Special Access Start or Special Access End Date(s). HEL Product SP\_START date must be less than or equal to Product SP\_END date.**System Action:** The program continues License Certificate validation.**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.**WLM615W SP\_START DATE < START DATE****Severity:** Warning

**Explanation:** The License Certificate has an error in the Start Date or Special Access Start Date. Product SP\_START date must be greater than or equal to Product START date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM616W SP\_START DATE > END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Special Access Start Date or the End Date. Product SP\_START date must be less than or equal to Product END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM617W SP\_END DATE > END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Special Access Date or the End Date. Product SP\_END date must be less than or equal to Product END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM618E START DATE NOT < END DATE**

**Severity:** Error

**Explanation:** The License Certificate has an error in the Start or End Date(s). Product Option START date must be less than Product Option END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM619W OPTION START DATE < START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Product or Option Start date. Product Option START date must be greater than or equal to Product START date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM620W OPTION START DATE NOT < END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Option Start Date or the Option End Date. Product Option START date must be less than Option END date.

**System Action:** The program continues certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM621W OPTION END DATE > PRODUCT END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Option End Date or the Product End Date. Product Option END date must be less than or equal to Product END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM622E OPTION SP\_START DATE > OPTION SP\_END DATE**

**Severity:** Error

**Explanation:** The License Certificate has an error in the Option Special Access Start Date or the Option Special Access End Date. Product Option SP\_START date must be less than or equal to Product Option SP\_END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM623W OPTION SP\_START DATE < OPTION START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Option Special Access Start Date or the Option Start Date. Product Option SP\_START date must be greater than or equal to Product Option START date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM624W OPTION SP\_START DATE > OPTION END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Option Special Access Start Date or the Option End Date. Product Option SP\_START date must be less than or equal to Product Option END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM625W OPTION SP\_END DATE > OPTION END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the Option Special Access End Date or the Option End Date. Product Option SP\_END date must be less than or equal to Product Option END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM626E SP\_ACCESS CODE INCOMPATIBLE WITH AN SP DATE**

**Severity:** Error

**Explanation:** The License Certificate has an error in the Special Access key word or Special Access Start or End Dates. If SP\_ACCESS keyword is present then SP\_START and SP\_END must be present. If SP\_ACCESS keyword is not present then SP\_START and SP\_END must not be present.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM627E CERTVER INCOMPATIBLE WITH PROGRAM LEVEL CODE**

**Severity:** Error

**Explanation:** The CERTVER on the certificate is incompatible with the release level of the LMS License Administration Utility.

**System Action:** The program terminates.



**User Response:** Upgrade your License Management System and contact Compuware World Wide License Management, if necessary.

#### **WLM628E AUTHENTICATION CODE INVALID**

**Severity:** Error

**Explanation:** The AUTH value is invalid. There is an error in the License Certificate.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM629I PRODUCT(S)/OPTION(S) USING EMERGENCY PASSWORD**

**Severity:** Informational

**Explanation:** A valid emergency password was entered into the LAU. This message verifies that a valid password was applied.

**System Action:** Processing continues.

**User Response:** None.

#### **WLM630I \*\*\*\*\* PRODUCT IN 14 DAY UNLICENSED CEC MODEL GRACE**

**Severity:** Informational

**Explanation:** The product named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has the correct CEC model specified.

**System Action:** The Compuware product is notified that it should execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

#### **WLM631I \*\*\*\*\* OPTION IN 14 DAY UNLICENSED CEC MODEL GRACE**

**Severity:** Informational

**Explanation:** The option named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has the correct CEC model specified.

**System Action:** The Compuware product is notified that the option should be allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

#### **WLM632E \*\*\*\*\* PRODUCT 14 DAY GRACE FOR UNLICENSED CEC MODEL EXPIRED**

**Severity:** Error

**Explanation:** The product named in this set of messages is not allowed to execute, because the 14 day grace period for Dynamic CPU upgrades has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct MODEL name for the CPU.

**System Action:** The Compuware product is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

#### **WLM633E \*\*\*\*\* OPTION 14 DAY GRACE FOR UNLICENSED CEC MODEL EXPIRED**

**Severity:** Error

**Explanation:** The option named in this set of messages is not allowed to execute, because the 14 day grace period for Dynamic CPU upgrades has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct MODEL name for the CPU.

**System Action:** The Compuware option is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM634I \*\*\*\*\* PRODUCT IN 14 DAY UNLICENSED LPAR SIZE GRACE**

**Severity:** Informational

**Explanation:** The product named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has an LPAR specified with the correct number of MSUs included.

**System Action:** The Compuware product is notified that it should execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM635I \*\*\*\*\* OPTION IN 14 DAY UNLICENSED LPAR SIZE GRACE**

**Severity:** Informational

**Explanation:** The option named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has an LPAR specified with the correct number of MSUs included.

**System Action:** The Compuware product is notified that the option should be allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM636E \*\*\*\*\* PRODUCT 14 DAY GRACE FOR UNLICENSED LPAR SIZE EXPIRED**

**Severity:** Error

**Explanation:** The product named in this set of messages is not allowed to execute, because the 14 day grace period for LPAR Capacity upgrades has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct number of MSUs specified for this LPAR.

**System Action:** The Compuware product is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM637E \*\*\*\*\* OPTION 14 DAY GRACE FOR UNLICENSED LPAR SIZE EXPIRED**

**Severity:** Error

**Explanation:** The option named in this set of messages is not allowed to execute, because the 14 day grace period for LPAR Capacity upgrades has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct number of MSUs specified for this LPAR.

**System Action:** The Compuware option is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM638I \*\*\*\*\* PRODUCT IN 14 DAY UNLICENSED LPAR NAME GRACE**

**Severity:** Informational

**Explanation:** The product named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has an LPAR specified with the correct LPAR name specified.

**System Action:** The Compuware product is notified that it should execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM639I \*\*\*\*\* OPTION IN 14 DAY UNLICENSED LPAR NAME GRACE**

**Severity:** Informational

**Explanation:** The option named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has an LPAR specified with the correct LPAR name specified.

**System Action:** The Compuware product is notified that the option should be allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM640E \*\*\*\*\* PRODUCT 14 DAY GRACE FOR UNLICENSED LPAR NAME EXPIRED**

**Severity:** Error

**Explanation:** The product named in this set of messages is not allowed to execute, because the 14 day grace period for unlicensed LPAR names has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct LPAR name specified.

**System Action:** The Compuware product is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM641E \*\*\*\*\* OPTION 14 DAY GRACE FOR UNLICENSED LPAR NAME EXPIRED**

**Severity:** Error

**Explanation:** The option named in this set of messages is not allowed to execute, because the 14 day grace period for unlicensed LPAR names has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct LPAR name specified.

**System Action:** The Compuware option is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM642I \*\*\*\*\* PRODUCT IN 14 DAY UNLICENSED CEC SERIAL NUMBER GRACE**

**Severity:** Informational

**Explanation:** The product named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has a CPU specified with the correct CPU serial number.

**System Action:** The Compuware product is notified that it should execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM643I \*\*\*\*\* OPTION IN 14 DAY UNLICENSED CEC SERIAL NUMBER GRACE**

**Severity:** Informational

**Explanation:** The option named in this set of messages is allowed to execute, but only for a 14 day period, during which the customer must contact Compuware and obtain a license certificate that has a CPU specified with the correct CPU serial number.

**System Action:** The Compuware product is notified that the option should be allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM644E \*\*\*\*\* PRODUCT 14 DAY GRACE FOR UNLICENSED CEC SERIAL EXPIRED**

**Severity:** Error

**Explanation:** The product named in this set of messages is not allowed to execute, because the 14 day grace period for unlicensed CPU serial numbers has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct CPU serial number.

**System Action:** The Compuware product is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM645E \*\*\*\*\* OPTION 14 DAY GRACE FOR UNLICENSED CEC SERIAL EXPIRED**

**Severity:** Error

**Explanation:** The option named in this set of messages is not allowed to execute, because the 14 day grace period for unlicensed CPU serial numbers has expired. The customer must contact Compuware and obtain a new license certificate which contains the correct CPU serial number.

**System Action:** The Compuware option is not allowed to execute.

**User Response:** Contact Compuware World Wide License Management to obtain a new License Certificate.

**WLM654E SITE\_ID IS INVALID**

**Severity:** Error

**Explanation:** The SITE\_ID must have a length of 1-3 characters and be in the range 0-999.

**System Action:** Processing terminates.

**User Response:** Omit SITE\_ID for all sites or supply a SITE\_ID that is within the valid range.

**WLM655E START DATE NOT < END DATE**

**Severity:** Error

**Explanation:** The License Certificate has an error in the CPU START Date or CPU END Date. CPU START date must be less than CPU END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM656W CPU START DATE < PRODUCT START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the CPU START Date or Product START Date. CPU START Date must not be less than Product START Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM657W CPU START DATE NOT < PRODUCT END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the CPU START Date or Product END Date. CPU START Date must be less than Product END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM658W CPU END DATE > PRODUCT END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the CPU END Date or Product END Date. CPU END Date must not be greater than Product END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM659W CPU START DATE < OPTION START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the CPU START Date or the Option START Date. CPU START Date must not be less than Option START Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM660I CERTIFICATE IMPORTED - NO ERRORS OR WARNINGS**

**Severity:** Informational

**Explanation:** The License Certificate has been imported successfully. No error or warning messages have been included in the CWLFPRNT output.

**System Action:** The program prints the certificate it has imported.

**User Response:** None.

#### **WLM661W CERTIFICATE IMPORTED SUCCESSFULLY - WARNINGS ISSUED**

**Severity:** Warning

**Explanation:** The License Certificate has been imported successfully. Some warning messages have been included in the CWLFPRNT output.

**System Action:** The program prints the certificate it has imported, with warning messages inserted after all questionable lines.

**User Response:** Locate the warning messages in the CWLFPRNT output. If they appear to represent real errors, contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate. In the meantime, you will be able to run with the certificate as imported.

#### **WLM662E CERTIFICATE NOT IMPORTED - ERROR MESSAGES ISSUED**

**Severity:** Error

**Explanation:** The License Certificate has not been imported. Error messages have been included in the CWLFPRNT output.

**System Action:** The program prints the certificate with error messages inserted after lines that were in error.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM664W CPU END DATE > OPTION END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the CPU END Date or Option END Date. CPU END Date must not be greater than Option END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM665E @@ STATUS @@ NOT PERMITTED WITH @@ STATUS @@**

**Severity:** Error

**Explanation:** The License Certificate has incompatible values in the Status keyword for the Product, Option, or CPU. Incompatible STATUS codes between listed Product, Option, or CPU.

**System Action:** The program continues certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM668E OPTION\_CPU NOT IN PRODUCT\_CPU LIST**

**Severity:** Error

**Explanation:** There is an error on the License Certificate. A CPU for an Option must also appear as a CPU for a Product.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM669E LPAR UNDER OPTION\_CPU NOT UNDER SAME CPU AT PRODUCT LEVEL**

**Severity:** Error

**Explanation:** There is an error on the License Certificate. An LPAR under a CPU for an OPTION must also appear as an LPAR under the same CPU for the Product.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM670E CERTIFICATE WOULD GENERATE DUPLICATE RECORDS**

**Severity:** Error

**Explanation:** There is an error on the License Certificate. Some information in the License Certificate has been duplicated in error. For example, there may be two identical CPUs or LPARs specified for a single Product or Option.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM671E START DATE NOT < END DATE**

**Severity:** Error

**Explanation:** The License Certificate has an error in the LPAR START Date or LPAR END Date. LPAR START date must be less than LPAR END date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM672W LPAR START DATE < PRODUCT START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or Product START Date. LPAR START Date must not be less than Product START Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM673W LPAR START DATE NOT < PRODUCT END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or Product END Date. LPAR START Date must be less than Product END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM674W LPAR END DATE > PRODUCT END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR END Date or Product END Date. LPAR END Date must not be greater than Product END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM675W LPAR START DATE < OPTION START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or Option START Date. LPAR START Date must not be less than Option START Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM676W LPAR START DATE NOT < OPTION END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or Option END Date. LPAR START Date must be less than Option END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM677W LPAR END DATE > OPTION END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR END Date or Option END Date. LPAR END Date must not be greater than Option END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM678W LPAR START DATE < CPU START DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or CPU START Date. LPAR START Date must not be less than CPU START Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM679W LPAR START DATE NOT < CPU END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR START Date or CPU END Date. LPAR START Date must be less than CPU END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM680W LPAR END DATE > CPU END DATE**

**Severity:** Warning

**Explanation:** The License Certificate has an error in the LPAR END Date or CPU END Date. LPAR END Date must not be greater than CPU END Date.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM681E LICENSE CERTIFICATE CONTAINS NO RECORDS**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains no non-comment records.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM682E LICENSE CERTIFICATE CONTAINS ONLY A CUSTOMER RECORD**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains no non-comment records after the CUSTOMER record.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM683E LICENSE CERTIFICATE CONTAINS INVALID OR ILLOGICAL RECORD**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains a record (for example, a second CUSTOMER record) other than SITE in a context where only a SITE record is valid.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM684E LICENSE CERTIFICATE CONTAINS TRAILING SITE RECORD**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT ends with a SITE record. SITE records must be followed by at least one PRODUCT record.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM685E LICENSE CERTIFICATE HAS WRONG RECORD AFTER SITE RECORD**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains a SITE record followed by something other than a PRODUCT record. Each SITE record must be followed immediately by at least one PRODUCT record.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM686E LICENSE CERTIFICATE DOES NOT BEGIN WITH CUSTOMER RECORD**

**Severity:** Error

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT begins with a record type other than CUSTOMER. The CUSTOMER record must be the first non-comment record in the certificate.

**System Action:** Processing ends with a return code of 12.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM687W ASTERISKS IN CPU ID ARE NOT PERMITTED FOR CERTVER<@@>**

**Severity:** Warning

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains asterisks in parts of the CPU ID field. This usage is permitted only for CERTVER<02.00.00> and higher certificates.

**System Action:** The program continues License Certificate validation. The certificate will be imported, but may not provide all the authorization you expect.



**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM688W ASTERISKS IN CPU ID ARE VALID ONLY IF LPAR PRICING IS USED**

**Severity:** Warning

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains asterisks in parts of the CPU ID field. This usage is permitted, for CERTVER<02.00.00> and higher certificates, only, if the CPU record is followed by one or more LPAR records.

**System Action:** The program continues License Certificate validation. The certificate will be imported, but may not provide all the authorization you expect.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM689W ASTERISKS IN CPU ID ARE REQUIRED IF LPAR PRICING IS USED**

**Severity:** Warning

**Explanation:** The License Certificate supplied to LMALFIM for IMPORT contains a CPU record qualified by following LPAR records. In such a CPU record, all CPU identifiers other than serial number should be asterisks, meaning that the LPAR definition and CPU serial number alone govern authorization.

**System Action:** The program continues License Certificate validation. The certificate will be imported, but may not provide all the authorization you expect.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM690W LPAR UNDER OPTION DEFINED LARGER THAN UNDER CPU**

**Severity:** Warning

**Explanation:** An LPAR record for an option has a larger number of MSUS than any equivalent LPAR record under the product. The LPAR size defined for the product will control the authorization of the option.

**System Action:** The program continues License Certificate validation. The certificate will be imported, but may not provide all the authorization you expect.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM691E LPAR LICENSE FOR PRODUCT REQUIRES LPAR LICENSE FOR OPTION**

**Severity:** Error

**Explanation:** A CPU record for an OPTION is not qualified by any LPAR record, but the corresponding CPU record for the product is qualified by one or more LPAR records.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM692E END DATE IS INVALID WITH STATUS LONG\_TERM**

**Severity:** Error

**Explanation:** The status LONG\_TERM indicates that the product or option may be used for the indefinite future. No ending date may be specified.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM693E ASTERISKS MAY NOT BE USED IN CPU SERIAL NUMBER>**

**Severity:** Error

**Explanation:** Asterisks are valid in some portions of the CPU ID field, when LPAR pricing is used. However, the 6-digit CPU serial number must always be specified.

**System Action:** The program continues License Certificate validation.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM694W THIS "@@" KEYWORD OVERRIDDEN BY SAME KEYWORD BELOW**

**Severity:** Warning

**Explanation:** The specified keyword occurs more than once for a single record in the License Certificate. The value specified in the final occurrence will be in effect.

**System Action:** The program continues License Certificate validation.

**User Response:** Examine the License Certificate to see if the final value for this keyword is correct. Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM702I \*\*\*\*\* THIS PRODUCT IS EXECUTING WITHIN CPU GRACE PERIOD**

**Severity:** Informational

**Explanation:** The product named is currently executing only because the current date is within the CPU grace period. This is the first part of a two-part message.

**System Action:** Processing continues.

**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate.

**WLM703I \*\*\*\*\* THE CURRENT PRODUCT/OPTION IN DISASTER RECOVERY MODE**

**Severity:** Informational

**Explanation:** The product and option named are currently executing in disaster recovery mode.

**System Action:** Processing continues.

**User Response:** None

**WLM704I \*\*\*\*\* THE CURRENT PRODUCT/OPTION EXECUTING IN GRACE PERIOD**

**Severity:** Informational

**Explanation:** The product and option named is executing only because the current date is within the product grace period.

**System Action:** Processing continues.

**User Response:** Contact Compuware World Wide License Management to obtain a valid License Certificate.

**WLM705I \*\*\*\*\* MAINTENANCE NOTIFICATION FOR THIS PRODUCT**

**Severity:** Informational

**Explanation:** The current product is at least two years old. Compuware should be contacted for a newer release of this product.

**System Action:** Processing continues.

**User Response:** Contact Compuware World Wide License Management for a newer release of this product.

**WLM840E INCOMPLETE VALUE CLAUSE FOR KEYWORD "@@"**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the keyword specified in the error. The value must be completely specified following a keyword within a single License Certificate input record.

**System Action:** License Certificate validation continues with the remainder of the License Certificate but it will not be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM841E VALUE CLAUSE LENGTH FOR "@@" IS LESS THAN THE MINIMUM**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the keyword specified in the error. The minimum number of characters specified for the keyword value were not provided.

**System Action:** License Certificate validation continues with the remainder of the License Certificate but it will not be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM842E VALUE CLAUSE LENGTH FOR "@@" EXCEEDS THE MAXIMUM LENGTH**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the keyword specified in the error. The expected maximum number of characters expected for this keyword value has been exceeded.

**System Action:** Any characters beyond the maximum length are not validated. The parser continues to validate the remainder of the License Certificate but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM843E VALUE CLAUSE FOR "@@" CONTAINS AN INVALID HEXADECIMAL CHARACTER**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the keyword specified in the error. The value clause must be comprised of characters in the range of 0-9 and A-F only.

**System Action:** The parser continues to validate the remainder of the License Certificate but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM844E CPU ENTRY LENGTH IS INVALID**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the CPU keyword. A CPU entry must be exactly 22 characters long.

**System Action:** The remainder of the License Certificate will continue to be validated, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM845E CPU ENTRY CONTAINS AT LEAST ONE INVALID SEPARATOR**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the CPU keyword. A CPU entry must have commas in the 4th and 19th positions and dashes in the 9th and 12th positions.

**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

**WLM846E CPU ENTRY CONTAINS AT LEAST ONE INVALID CHARACTER****Severity:** Error**Explanation:** An error has occurred in the License Certificate in the value of the CPU keyword. A CPU entry must be constructed as follows: XXX,HHHH-HH-HHHHHH,XXX Where: X = any valid alphanumeric character, and H = any valid hexadecimal character.**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.**WLM847E VALUE CLAUSE FOR "@@" CONTAINS AN INVALID DATE****Severity:** Error**Explanation:** An error has occurred on the License Certificate date value of the keyword specified in the error. Date values must conform to the following structure: DD-MMM-YYYY Where: DD = valid numeric characters and DD is greater than zero and less than or equal to the number of days in MMM, MMM = one of JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, or DEC, YYYY = valid numeric characters and YYYY is greater than zero.**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.**WLM848E VALUE CLAUSE FOR "@@" CONTAINS AN INVALID VALUE; MUST BE ONE OF @@****Severity:** Error**Explanation:** An error has occurred in the License Certificate value for the keyword specified in the error. The value clause does not match one of a list of pre-defined values for this keyword.**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.**User Response:** Contact your License Management Administrator or Compuware World Wide License Management to obtain a valid License Certificate.**WLM849E VALUE CLAUSE FOR "@@" CONTAINS AN INVALID MVS DATA SET NAME****Severity:** Error**Explanation:** An error in the MVS data set name supplied by your License Management Administrator has occurred. This value is imported with a License Certificate. The value clause must conform to all of the MVS data set name rules.**System Action:** The values supplied for input into the License File will continue to be validated, but no changes will be applied to the License File.**User Response:** Contact your License Management Administrator and Compuware customer support, if necessary**WLM850E VALUE CLAUSE FOR "@@" CONTAINS INVALID NUMERIC CHARACTER****Severity:** Error**Explanation:** An error has occurred in the value of the keyword specified in the error. The value clause must be comprised of characters in the range 0-9.**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.**WLM851E VALUE CLAUSE FOR "@@" CONTAINS INVALID ALPHANUMERIC CHARACTER****Severity:** Error**Explanation:** An error has occurred in the value of the keyword specified in the error. The value clause must be comprised of characters in the range A-Z, \$, #, and @.

**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM852E VALUE CLAUSE FOR "@@" CONTAINS AN INVALID VERSION**

**Severity:** Error

**Explanation:** An error has occurred in the License Certificate in the value of the keyword specified in the error. Version values must conform to the following structure: VV.RR.MM Where: VV, RR, MM = valid numeric characters in the range 0-9.

**System Action:** The License Certificate will continue to validate the remainder of the License Certificate, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM853E KEYWORD "@@" IS UNKNOWN**

**Severity:** Error

**Explanation:** An error has occurred in a keyword in a License Certificate. The characters in quotes are not recognized as a valid License Certificate keyword.

**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM854E KEYWORD "@@" NOT VALID IN @@ SECTION**

**Severity:** Error

**Explanation:** An error has occurred with a keyword in a License Certificate. A valid keyword has been encountered, but it is not properly placed in the License Certificate.

**System Action:** The License Certificate will continue to be validated, but no changes will be applied to the License File.

**User Response:** Contact your License Management Administrator and Compuware World Wide License Management, if necessary, to obtain a valid License Certificate.

#### **WLM855E MISMATCHED CUSTOMER NUMBERS**

**Severity:** Error

**Explanation:** The customer number on the License Certificate differs from the customer number on the License File.

**System Action:** The License File has not been updated. Processing has ended.

**User Response:** Create a new License File or select the correct License File for this customer number.

# LM Return and Reason Code Values

**Figure 2-1. LM Return and Reason Code Values**

```

*****
**
**      THE FOLLOWING EQUATES DEFINE VALUES FOR RETURN_CODE.
**
*****
LM.OK                EQU 0      SUCCESSFUL EXECUTION
                                FUNCTION COMPLETE
LM.OK_WARNING        EQU 4      SUCCESSFUL EXECUTION
                                LICENSE POLICY WARNING
LM.OK_FAILURE        EQU 8      SUCCESSFUL EXECUTION
                                LICENSE POLICY FAILURE
LM.PARAMETER_ERROR   EQU 12     UNSUCCESSFUL EXECUTION
                                ERROR IN PASSED PARAMETERS
LM.SYSTEM_ERROR      EQU 16     UNSUCCESSFUL EXECUTION
                                SYSTEM RELATED ERROR
LM.INVOCATION_ERROR  EQU 20     UNSUCCESSFUL EXECUTION
                                RETURN/REASON CODE NOT SET
*****
**
**      THE FOLLOWING EQUATES DEFINE VALUES FOR REASON_CODE.
**
*****
**
**      REASON CODE VALUES WHEN RETURN CODE = 0.
**
*****
LM.SUCCESS           EQU 0      FUNCTION WAS SUCCESSFUL
*****
**
**      REASON CODE VALUES WHEN RETURN CODE = 4.
**
*****
LM.PRODUCT_DISASTER_MODE EQU 566  PRODUCT IN DISASTER RECOVERY
                                MODE: CPU ID NOT CHECKED.
LM.PRODUCT_WITHIN_GRACE EQU 571  PRODUCT NOT LICENSED ON CPU
                                BUT WITHIN CPU GRACE PERIOD.
LM.OPTION_DISASTER_MODE EQU 577  OPTION IN DISASTER RECOVERY
                                MODE: CPU ID NOT CHECKED.
LM.OPTION_WITHIN_GRACE EQU 582  OPTION NOT LICENSED ON CPU
                                BUT WITHIN PRODUCT GRACE
                                PERIOD.
LM.PRODUCT_EXPIRING_ON_CPU EQU 590  PRODUCT IS LICENSED TO RUN ON
                                THIS CPU, BUT IS WITHIN 14
                                DAYS OF EXPIRING.
LM.UNIVERSAL_PRODUCT_EXPIRING EQU 591  PRODUCT HAS UNIVERSAL CPU, BUT
                                IS WITHIN 14 DAYS OF
                                EXPIRING.
LM.OPTION_EXPIRING_ON_CPU EQU 592  OPTION IS LICENSED TO RUN ON
                                THIS CPU, BUT IS WITHIN 14
                                DAYS OF EXPIRING.
LM.UNIVERSAL_OPTION_EXPIRING EQU 593  OPTION HAS UNIVERSAL CPU, BUT
                                IS WITHIN 14 DAYS OF
                                EXPIRING.
LM.MIG_TIMEOUT_NOT_DECODABLE EQU 596  TIMEOUT DATE IN CUSTMOD CANNOT
                                BE DECODED.
LM.MIG_CUSTNM_NOT_DECODABLE EQU 597  SCRAMBLED CUSTOMER NAME NOT =
                                UNSCRAMBLED NAME
LM.MIG_TEMPPSWD_VALID_COUNTDN EQU 598  TEMPORARY PASSWORD IS VALID AND*
                                PRODUCT/OPTION IN COUNTDOWN
LM.MIG_PRD_LINK_NOT_FOUND EQU 600  PRODUCT LINK NOT FOUND
LM.MIG_PRD_LINK_NOT_FND_CNTDN EQU 601  PRODUCT LINK NOT FOUND AND IN
                                COUNTDOWN
LM.EMERGENCY_PSWD_VALID EQU 602  EMERGENCY PASSWORD IS VALID
LM.MIG_TEMPCPU_PSWD_VALID EQU 603  TEMPCPU PASSWORD IS VALID
LM.DYN_CPU_UPGRADE_PRODUCT EQU 606  PRODUCT NOT LICENSED ON CPU
                                BUT ALLOWED TO RUN DUE TO
                                DYNAMIC CPU UPGRADE GRACE
LM.DYN_CPU_UPGRADE_OPTION EQU 607  OPTION NOT LICENSED ON CPU
                                BUT ALLOWED TO RUN DUE TO
                                DYNAMIC CPU UPGRADE GRACE
LM.PRODUCT_TRIAL_EXECUTION_OK EQU 609  PRODUCT HAS BEEN ALLOWED
                                TO RUN BECAUSE VALID
                                TRIAL DDNAME EXISTS
LM.OPTION_TRIAL_EXECUTION_OK EQU 610  OPTION HAS BEEN ALLOWED

```

```

                                TO RUN BECAUSE VALID      *
                                TRIAL DDNAME EXISTS
LM.PRD_IN_14DAY_CUOD_GRACE    EQU  630  PRODUCT IS IN 14 DAY      *
                                CUOD GRACE PERIOD
LM.OPT_IN_14DAY_CUOD_GRACE    EQU  631  OPTION  IS IN 14 DAY      *
                                CUOD GRACE PERIOD
LM.PRD_IN_14DAY_LCAP_GRACE    EQU  634  PRODUCT IS IN 14 DAY      *
                                LPAR CAPACITY GRACE
LM.OPT_IN_14DAY_LCAP_GRACE    EQU  635  OPTION  IS IN 14 DAY      *
                                LPAR CAPACITY GRACE
LM.PRD_IN_14DAY_LNAM_GRACE    EQU  638  PRODUCT IS IN 14 DAY      *
                                LPAR NAME GRACE
LM.OPT_IN_14DAY_LNAM_GRACE    EQU  639  OPTION  IS IN 14 DAY      *
                                LPAR NAME GRACE
LM.PRD_IN_14DAY_CSER_GRACE    EQU  642  PRODUCT IS IN 14 DAY      *
                                CPU SERIAL GRACE
LM.OPT_IN_14DAY_CSER_GRACE    EQU  643  OPTION  IS IN 14 DAY      *
                                CPU SERIAL GRACE
*****
**                                **
**          REASON CODE VALUES WHEN RETURN CODE = 8.          **
**                                **
*****
LM.PRODUCT_VER_NOT_IN_CACHE    EQU  553  LMCHKOUT PROD/VER NAME NOT IN *
                                LICENSE STORAGE CACHE
LM.OPTION_VER_NOT_IN_CACHE    EQU  555  LMCHKOUT OPTION NAME/VER NOT IN*
                                LICENSE STORAGE CACHE
LM.USER_NOT_AUTHORIZED        EQU  560  USERID NOT AUTHORIZED FOR ANY *
                                LICENSE FILE
LM.INVALID_PRODUCT_AUTH_CODE  EQU  561  AUTH CODE IN SELECTED CACHE *
                                ENTRY IS INVALID
LM.PRODUCT_NOT_STARTED        EQU  562  PRODUCT START DATE HAS NOT *
                                REACHED YET
LM.PRODUCT_EXPIRED            EQU  563  PRODUCT HAS EXPIRED - END DATE *
                                REACHED
LM.NOT_YET_DISASTER_PRODUCT    EQU  564  PRODUCT IN DISASTER MODE, BUT *
                                START DATE NOT REACHED YET
LM.MIG_CUSTMOD_NOT_INSTALLED  EQU  565  PARM=INSTALL NOT RUN AGAINST *
                                CUSTMOD, OR CORRUPTION
LM.NOT_YET_UNIVERSAL_PRODUCT  EQU  567  PRODUCT HAS UNIVERSAL DATES BUT*
                                START DATE NOT REACHED YET
LM.UNIVERSAL_PRODUCT_EXPIRED  EQU  568  PRODUCT UNIVERSAL LICENSE HAS *
                                EXPIRED
LM.PRODUCT_NOT_VALID_ON_CPU    EQU  569  PRODUCT IS NOT LICENSED ON THIS*
                                CPU
LM.MIG_CORRUPTED_CUSTMOD      EQU  570  CUSTMOD HAS BEEN CORRUPTED OR *
                                CREATED INVALIDLY
LM.INVALID_OPTION_AUTH_CODE    EQU  572  AUTH CODE IN SELECTED CACHE *
                                ENTRY IS INVALID
LM.OPTION_NOT_STARTED         EQU  573  OPTION START DATE HAS NOT *
                                REACHED YET
LM.OPTION_EXPIRED             EQU  574  OPTION HAS EXPIRED - END DATE *
                                REACHED
LM.NOT_YET_DISASTER_OPTION     EQU  575  OPTION IN DISASTER MODE, BUT *
                                START DATE NOT REACHED YET
LM.MIG_DATE_MISMATCH          EQU  576  CREATE DATE CORRUPTION IN *
                                CUSTMOD
LM.NOT_YET_UNIVERSAL_OPTION    EQU  578  OPTION HAS UNIVERSAL DATES BUT *
                                START DATE NOT REACHED YET
LM.UNIVERSAL_OPTION_EXPIRED    EQU  579  OPTION UNIVERSAL LICENSE HAS *
                                EXPIRED
LM.OPTION_NOT_VALID_ON_CPU     EQU  581  OPTION IS NOT LICENSED ON THIS *
                                CPU
LM.MIG_TEMPCPU_PSWD_BAD        EQU  585  TEMPCPU PASSWORD CANNOT BE *
                                DECODED OR CORRUPTION
LM.MIG_EMERGENCY_PSWD_BAD      EQU  586  EMERGENCY PASSWORD CANNOT BE *
                                DECODED OR CORRUPTION
LM.MIG_ENCODED_DATE_INVALID    EQU  594  AN ENCODED DATE < CREATE DATE *
                                OR LAST CHNGD DATE > TODAY
LM.MIG_CWCUST_DATE_INVALID     EQU  595  CWCUST DATE NOT PACKED OR ZONED*
                                OR DDD IS INVALID
LM.MIG_UNKNOWN_RETURN_CODE     EQU  599  BIT SET IN HTIME NOT DOCUMENTED*
                                AS HAVING A VALID MEANING
LM.MIG_PRD_REL_MISMATCH        EQU  604  RELEASE NUMBER IN CUSTMOD NOT *=
                                RELEASE PASSED BY CALLER
LM.STSI_CSRSI_FAILURE          EQU  608  FAILURE OF STSI INSTRUCTION OR *
                                OF CSRSI SERVICE
LM.PRD_14DAY_CUOD_GRACE_EXP    EQU  632  PRODUCT 14 DAY CUOD *
                                GRACE EXPIRED
LM.OPT_14DAY_CUOD_GRACE_EXP    EQU  633  OPTION  14 DAY CUOD *
                                GRACE EXPIRED
LM.PRD_14DAY_LCAP_GRACE_EXP    EQU  636  PRODUCT 14 DAY LPAR *
                                SIZE GRACE EXPIRED
LM.OPT_14DAY_LCAP_GRACE_EXP    EQU  637  OPTION  14 DAY LPAR *

```

```

        SIZE GRACE EXPIRED
LM.PR_14DAY_LNAM_GRACE_EXP EQU 640 PRODUCT 14 DAY LPAR *
        NAME GRACE EXPIRED
LM.OPT_14DAY_LNAM_GRACE_EXP EQU 641 OPTION 14 DAY LPAR *
        NAME GRACE EXPIRED
LM.PR_14DAY_CSER_GRACE_EXP EQU 644 PRODUCT 14 DAY CPU *
        SERIAL GRACE EXPIRED
LM.OPT_14DAY_CSER_GRACE_EXP EQU 645 OPTION 14 DAY CPU *
        SERIAL GRACE EXPIRED
*****
**
** REASON CODE VALUES WHEN RETURN CODE = 12. **
**
*****
LM.NO_MSGID_SUPPLIED EQU 80 NO MSGID PRESENT IN A REQUEST *
        TO RETURN A MESSAGE
LM.NO_MODULE_ADDRESS EQU 81 NO MSG TEXT MODULE ADDRESS *
        SUPPLIED TO RETURN A MESSAGE
LM.NO_AREA_ADDRESS EQU 82 NO AREA ADDRESS SUPPLIED TO *
        RETURN A MESSAGE INTO
LM.NO_AREA_LENGTH EQU 83 NO AREA LENGTH SUPPLIED TO *
        RETURN A MESSAGE INTO
LM.INVALID_MSG_TEXT_MODULE EQU 84 TEXT MODULE CONTAINS NO *
        MESSAGES
LM.MSGID_NOT_FOUND EQU 85 REQUESTED MSGID NOT FOUND IN *
        SUPPLIED TEXT MODULE
LM.MSG_TOO_LARGE_FOR_AREA EQU 86 MESSAGE DOESN'T FIT IN THE *
        AREA PASSED BY REQUESTOR
LM.INVALID_SUBSTITUTION_TYPE EQU 87 THE TYPE OF SUBSTITUTION IS NOT*
        SUPPORTED BY SYSTEM
LM.PRODUCT_NOT_CHECKED_OUT EQU 102 OPTION CHECKOUT AND PRODUCT NOT*
        AREA PASSED BY REQUESTOR
        PREVIOUSLY CHECKED OUT
LM.CORRUPTED_TOKEN EQU 107 INVALID TOKEN PASSED TO *
        LMCHKIN OR LMRETMMSG
LM.ZERO_PARM_VALUE EQU 128 ONE OF THE ADDRESSES IN THE *
        LMXXXX PARM LIST IS ZERO
LM.BAD_PARM_LIST_LENGTH EQU 129 THE # PARMS IN LIST > MAX, OR *
        END-OF-LIST BIT MISSING
LM.WRONG_NUMBER_PARMS EQU 130 INCORRECT # OF PARMS IN LMXXX *
        PARM LIST
LM.CHKOUT_NOT_PRECEEDING EQU 142 RETMSG CALL NOT PRECEDED BY A *
        CHKOUT CALL
LM.ACEE_BLOCK_INVALID EQU 143 THE ACEE POINTED TO IN LMCHKOUT*
        DID NOT PASS VALIDATION
LM.MIG_PRODUCT_NOT_DEFINED EQU 383 PRODUCT DOES NOT EXIST IN THE *
        MIGRATION PRODUCT TABLE
LM.MIG_OPTION_NOT_DEFINED EQU 384 OPTION DOES NOT EXIST IN THE *
        MIGRATION PRODUCT TABLE
LM.MIG_AREA_TOO_SMALL EQU 392 LMRETMMSG RETURN AREA TOO SMALL *
        TO HOLD RETURNED DATA
LM.PRODUCT_NAME_MISSING EQU 551 LMCHKOUT PRODUCT NAME BLANKS *
        OR BINARY ZEROS
LM.PRODUCT_VER_MISSING EQU 552 LMCHKOUT PRODUCT VERSION BLANKS*
        OR BINARY ZEROS
LM.OPTION_VER_MISSING EQU 554 LMCHKOUT OPTION VERSION BLANKS *
        OR BINARY ZEROS
LM.NO_MSG_AVAILABLE EQU 556 PREVIOUS RETCD NOT 4 NOR 8. NO *
        MESSAGES ARE AVAILABLE
LM.INFO_AREA_TOO_SMALL EQU 587 LMCHKOUT INFORMATION AREA TOO *
        SMALL TO HOLD RETURNED DATA
LM.QUERY_AREA_TOO_SMALL EQU 598 LMQUERY RETURN INFO AREA TOO *
        SMALL TO HOLD RETURNED DATA
*****
**
** REASON CODE VALUES WHEN RETURN CODE = 16. **
**
*****
LM.IDENTIFY_FAILED EQU 30 OS/390 IDENTIFY FOR LMSSTUB *
        ENTRY POINTS FAILED
LM.LOAD_FAILED EQU 31 OS/390 LOAD FOR LMSSTUB *
        ENTRY POINTS FAILED
LM.NO_CWXXYYYY_DD_SUBSYSTEM EQU 33 //CWXXYYYY ALLOCATED, BUT NO *
        SUBSYSTEM YYYY ACTIVE
LM.NO_LM_SUBSYSTEMS_ACTIVE EQU 34 NO LICENSE MANAGEMENT SUBSYSTEM*
        IS CURRENTLY ACTIVE
LM.ONLY_LM_SUBSYSTEM_TOO_OLD EQU 35 ONE LM SUBSYSTEM IS ACTIVE, BUT*
        IT IS TOO OLD TO USE
LM.ONLY_USABLE_LM_SUBSYSTEMS EQU 36 NO LM SUBSYSTEM IS AVAILABLE *
        TO BE USED
LM.LM_SUBSYSTEM_HAS_NO_LMG EQU 37 GLOBAL AREA FOR CHOSEN SUBSYS *
        IS NOT ALLOCATED
LM.LM_SUBSYSTEM_BAD_LMG EQU 38 GLOBAL AREA FOR CHOSEN SUBSYS *
        IS NOT VALID
LM.CHKIN_TOKEN_BAD_STORAGE EQU 40 LMCHKIN TOKEN POINTS TO STORAGE*

```



LM.CHKIN_TOKEN_BAD_SUBPOOL	EQU	41	THAT IS NOT VALID LMCHKIN TOKEN POINTS TO STORAGE*
LM.CHKIN_TOKEN_NOT_LMG	EQU	42	IN INVALID SUBPOOL LMCHKIN TOKEN POINTS TO STORAGE*
LM.CHKIN_SYSTEM_REFRESNED	EQU	43	THAT IS NOT AN LMG LM SYSTEM HAS BEEN REFRESHED *
LM.RETMSG_TOKEN_BAD_STORAGE	EQU	45	SINCE LICENCE CHECKED OUT LMRETMSG TOKEN POINT TO STORAGE*
LM.RETMSG_TOKEN_BAD_SUBPOOL	EQU	46	THAT IS NOT VALID LMRETMSG TOKEN POINT TO STORAGE*
LM.RETMSG_TOKEN_NOT_LMG	EQU	47	IN INVALID SUBPOOL LMRETMSG TOKEN POINT TO STORAGE*
LM.RETMSG_SYSTEM_REFRESHED	EQU	48	NRET IS NOT AN LMG LM SYSTEM HAS BEEN REFRESHED *
LM.ENQUE_FAILED	EQU	49	SINCE LICENCE CHECKED OUT OS/390 ENQUE UNABLE TO OBTAIN *
LM.ENQUE_TIMEOUT	EQU	50	QUEUE LOCK MAXIMUM TIME EXPIRED TRYING TO *
LM.PC_ROUTINE_ABEND	EQU	100	OBTAIN QUEUE LOCK AN ABEND OCCURRED WITHIN THE *
LM.EXC_ENQ_FAILED_CHKOUT	EQU	101	PC_ROUTINE UNABLE TO OBTAIN EXCLUSIVE ENQ *
LM.LML_STORAGE_OBTAIN_FAILED	EQU	103	ON LMR/LMT/LML QUEUE UNABLE TO OBTAIN STORAGE FOR A *
LM.LMT_STORAGE_OBTAIN_FAILED	EQU	104	NEW LML UNABLE TO OBTAIN STORAGE FOR A *
LM.LMR_STORAGE_OBTAIN_FAILED	EQU	105	NEW LMT UNABLE TO OBTAIN STORAGE FOR A *
LM.SHARED_ENQ_FAILED_CHKOUT	EQU	108	NEW LMR UNABLE TO OBTAIN SHARED ENQ ON *
LM.NO_LMR_FOUND_FOR_CHKIN	EQU	109	LMR/LMT/LML QUEUE NO LMR EXISTS ON QUEUE FOR A *
LM.INVALID_LML_FOR_CHKIN	EQU	110	CHKIN REQUEST LML DOES NOT POINT TO LMG FOR A*
LM.SHARED_DEQ_FAILED_CHKIN	EQU	111	CHKIN REQUEST/WRONG ASCB UNABLE TO RELEASE SHARED ENQ ON*
LM.EXC_ENQ_FAILED_CHKIN	EQU	112	LMR/LMT/LML QUEUE UNABLE TO OBTAIN EXCLUSIVE ENQ *
LM.LML_STOR_REL_FAIL_CHKIN	EQU	113	ON LMR/LMT/LML QUEUE UNABLE TO RELEASE STORAGE USED *
LM.LMT_STOR_REL_FAIL_CHKIN	EQU	114	BY AN LML UNABLE TO RELEASE STORAGE USED *
LM.LMR_STOR_REL_FAIL_CHKIN	EQU	115	BY AN LMT UNABLE TO RELEASE STORAGE USED *
LM.SHARED_ENQ_FAILED_RETMSG	EQU	118	BY AN LMR UNABLE TO OBTAIN SHARED ENQ ON *
LM.NO_LMR_FOUND_FOR_RETMSG	EQU	119	LMR/LMT/LML QUEUE NO LMR EXISTS ON QUEUE FOR A *
LM.INVALID_LML_FOR_RETMSG	EQU	120	RETMSG REQUEST LML DOES NOT POINT TO LMG FOR A*
LM.SHARED_DEQ_FAILED_RETMSG	EQU	121	RETMSG REQUEST/WRONG ASCB UNABLE TO RELEASE SHARED ENQ ON*
LM.EXC_ENQ_FAILED_RETMSG	EQU	122	LMR/LMT/LML QUEUE UNABLE TO OBTAIN EXCLUSIVE ENQ *
LM.LML_STOR_REL_FAIL_RETMSG	EQU	123	ON LMR/LMT/LML QUEUE UNABLE TO RELEASE STORAGE USED *
LM.LMT_STOR_REL_FAIL_RETMSG	EQU	124	BY AN LML UNABLE TO RELEASE STORAGE USED *
LM.LMR_STOR_REL_FAIL_RETMSG	EQU	125	BY AN LMT UNABLE TO RELEASE STORAGE USED *
LM.PARM_STORAGE_OBTAIN_FAILED	EQU	126	BY AN LMR STORAGE OBTAIN FAILED TRYING TO*
LM.INVALID_FUNCTION_NUMBER	EQU	127	OBTAIN PARAMETER STORAGE FUNCTION NUMBER NOT 1, 2 OR 3 *
LM.NO_PARMS_PASSED	EQU	131	PASSED TO PC_ROUTINE NO PARAMETERS WERE PASSED TO *
LM.ENQ_FAIL_SYSTEM_SHR_WAIT	EQU	132	THE PC_ROUTINE SYSTEM CANNOT POST WAIT ECB FOR*
LM.ENQ_FAIL_SYSTEM_SHR	EQU	133	A SHARED ENQUE SYSTEM CANNOT OBTAIN SHARED ENQ*
LM.ENQ_FAIL_SYSTEM_EXC_WAIT	EQU	134	ON LML/LMT/LMR QUEUE SYSTEM CANNOT POST WAIT ECB FOR*
LM.ENQ_FAIL_SYSTEM_EXC	EQU	135	AN EXCLUSIVE ENQUE SYSTEM CANNOT OBTAIN EXCLUSIVE *
LM.DEQ_FAIL_SYSTEM	EQU	136	ENQ ON LML/LMT/LMR QUEUE SYSTEM CANNOT RELEASE ENQUE ON *
LM.ENQ_FAIL_TIMEOUT	EQU	137	LML/LMT/LMR QUEUE TIMEOUT OCCURRED WAITING FOR *
LM.CORRUPTED_LMR	EQU	138	EXCLUSIVE ENQ ON LML QUEUE LMR HAS BEEN CORRUPTED AND *
LM.CORRUPTED_LMT	EQU	139	CANNOT BE FREED LMT HAS BEEN CORRUPTED AND *
LM.CORRUPTED_LML	EQU	140	CANNOT BE FREED LML HAS BEEN CORRUPTED AND *
			CANNOT BE FREED

LM.CORRUPTED_LMM	EQU	141	LMM HAS BEEN CORRUPTED AND CANNOT BE FREED	*
LM.EMERGENCY_PSWD_BAD	EQU	144	EMERGENCY PASSWORD CANNOT BE DECODED OR IS CORRUPTED	*
LM.SDUMP_FAILED	EQU	280	SDUMP PROCESSING FAILED TO TAKE A SUCCESSFUL DUMP	*
LM.MIG_LOAD_FAILED_LMSSEC31	EQU	380	OS/390 LOAD FOR LMSSEC31 ENTRY POINTS FAILED	*
LM.MIG_LOAD_FAILED_LMSTID31	EQU	381	OS/390 LOAD FOR LMSTID31 HAS FAILED. MODULE MISSING.	*
LM.MIG_LMSTID31_INVALID	EQU	382	MODULE LMSTRC31 HAS BEEN CORRUPTED	*
LM.MIG_LOAD_FAILED_LMSTRC31	EQU	388	OS/390 LOAD FOR LMSTRC31 HAS FAILED. MODULE MISSING.	*
LM.MIG_LMSTRC31_INVALID	EQU	389	MODULE LMSTRC31 HAS BEEN CORRUPTED	*
LM.MIG_STORAGE_EXHAUSTED	EQU	390	STORAGE OBTAIN FAILED TRYING FOR SECURITY 3.1.X STORAGE	*
LM.MIG_CUSTMOD_LOAD_FAILED	EQU	391	THE SECURITY 3.1.X CUSTMOD IS NOT AVAILABLE IN //STEPLIB	*
LM.MIG_HED1_LOAD_FAILED	EQU	393	THE SECURITY 3.1.X HED1 MOD IS NOT AVAILABLE IN //STEPLIB	*
LM.USERID_NOT_AUTHORIZED	EQU	557	NO LCR RECORDS FOUND AVAILABLE TO CURRENT USERID	*
LM.SECURITY_DSNAME_MISSING	EQU	558	NO DSNAME SPECIFIED TO CHECK USERID AGAINST	*
LM.UNABLE_CREATE_USERID_ACEE	EQU	559	RACROUTE FAILED TRYING TO CREATE AN ACEE FOR USERID	*
LM.STOR_OBTAIN_PROD_CPU_FAIL	EQU	583	STORAGE OBTAIN FAILED TRYING FOR PROD CPU LIST STORAGE	*
LM.STOR_OBTAIN_OPT_CPU_FILE	EQU	584	STORAGE OBTAIN FAILED TRYING CPU OPTION CPU LIST STORAGE	*
LM.STOR_OBTAIN_LMM_FAILED	EQU	588	STORAGE OBTAIN FAILED TRYING LMM STORAGE	*
LM.LMS\$MSG_FAILED	EQU	589	LMS\$MSG FUNCTION FAILED TRYING TO RETURN MESSAGE	*

\*\*\*\*\*

\*\*

REASON CODE VALUES WHEN RETURN CODE = 20.

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\* NO REASON CODES ARE EVER SUPPLIED WITH A RETURN CODE OF 20 BECAUSE

\* THIS VALUE IS RETURNED IN R15 ONLY. THE CAUSE OF A RETURN CODE OF

\* 20 WILL ALWAYS BE A CALLER SUPPLYING A PARAMETER LIST TO LMSSTUB,

\* LMCHKOUT, LMCHKIN OR LMREMSG THAT DOES NOT CONTAIN ENOUGH PARAMETERS

\* FOR THE FUNCTION IN QUESTION TO OBTAIN THE RETURN/REASON CODES. THE

\* LENGTH OF A PARAMETER LIST IS ALWAYS DETERMINED BY THE PRESENCE OF

\* THE HIGH ORDER BIT TURNED ON IN THE LAST ENTRY. IF THIS BIT IS TURNED

\* ON PREMATURELY, THEN THIS RETURN CODE CAN RESULT.

## Chapter 3.

# Compuware Shared Services Error Messages

This chapter explains the return codes and messages issued by the CSS component of ECC.

CSS messages are described in the following sections:

- “CWDDSUTL Return Codes”
- “CWFSDUT Return Codes” on page 3-3
- “CWDDLPUT Return Codes” on page 3-3
- “CWDDUNLP Return Codes” on page 3-3
- “MVS DDIO Return Codes” on page 3-4
- “Language Processor Messages” on page 3-6.

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## Batch File Utility Return Codes

### CWDDSUTL Return Codes

The following table lists common return codes from the CWDDSUTL batch file utility. Many are not user recoverable or applicable. Contact Compuware Technical Support if necessary.

**Table 3-1.** CWDDSUTL Return Codes and Error Messages

Return Code	Message
0	NO ERRORS
4	(CPY) WARNING - CAN CONTINUE
4	(FMT) ABNLDFIL DDNAME NOT FOUND
8	(CPY) ERROR - CANNOT CONTINUE
8	(DIR) INSUFFICIENT STORAGE
8	(REO) A DDIO ERROR OCCURRED
12	(PRI) SORT KEY IS NOT APPLICABLE
16	(PRI) CANNOT PRINT RADAR OR PD FILE
20	(FMT) FILE TOO SMALL FOR DUMPS REQUESTED
36	(FMT) FILE TOO SMALL FOR SINGLE GROUP
36	(DIR) SORT KEY IS NOT APPLICABLE
40	(FMT) BLKSIZE TOO SMALL FOR HEADER REC
44	(DEL,LCK,PRI) SPECIFIED REPORT NOT FOUND
44	(PRI) ERROR DURING OPEN OF ALT OUTPUT
44	(PRI) ERROR DURING LOAD OF LITERAL MODULE
48	(DEL,LCK) SPECIFIED REPORT IN USE
52	(DEL,LCK,PRI) REPORT IDENTFR NOT SPEC

**Table 3-1.** CWDDSUTL Return Codes and Error Messages

Return Code	Message
56	(FMT) FORMAT-1 DSCB COULD NOT BE READ
56	(PRI) NO SOURCE AVAILABLE
60	(FMT) FILE IS NOT BSAM, BDAM, OR VSAM
60	(PRI) WRONG SLS RELEASE
64	(PRI) INTERNAL SLS ERROR
84	(DEL,LCK) CICS DUMPFILE IS IN USE
112	BAD COMMAND / SECURITY EXIT ERROR
120	(FMT) DIRECTORY ENTRY IS > 1024 BYTES
124	(FMT) CICS DUMPFILE IS IN USE
128	(FMT) DIRECTORY ENTRY IS > BLKSIZ
132	(FMT) CANNOT FORMAT NONEMPTY VSAM DDS
136	(FMT) BAD VSAM ALLOCATION PARMS
136	(CPY) TODD: BAD VSAM ALLOCATION PARMS
140	(DEL,DIR,LCK,PRI) BAD VSAM ALLCTN PRMS
140	(CPY) FRMDD: BAD VSAM ALLOCATION PARMS
176	(FMT) VSAM PUT/MODCB ERROR
516	(PRI) MUST BE SLS IF NO XMWORK
520	GC=1, EXTENTS=1. INCOMPATIBLE
524	VSAM CLUSTER MUST BE RRDS
528	NO. OF ALLOCATION GROUPS > 32767
532	AD=STAGED, SUBTYPE NE SOURCE
3024	REQUIRED MODULE CANNOT BE FOUND
3028	ABNLREPT DDNAME CANNOT BE OPENED
3032	ABNLREPT WRONG LRECL - SHOULD BE 133
3036	CWDDSUTL AND CWCMDDDIO RELEASE MISMATCH
3040	CWCMDDDIO-GETMAIN / CWCMPND-LOAD ERROR
3044	CWDDSEQM MODULE CANNOT BE FOUND
3048	FAKE BSAM MODULE IS REQUIRED

**Note:** The following CWDDSUTL commands can also generate a DDIO return code:

- FORMAT
- DELETE
- DIR
- LOCK
- PRINT

See in the next section for a list of the DDIO return codes.

## CWFXSDUT Return Codes

The following table lists common return codes from the CWFXSDUT batch file utility. Many are not user recoverable or applicable. Contact Compuware Technical Support if necessary.

**Table 3-2.** CWFXSDUT Return Codes and Error Messages

Return Code	Message
0	NO ERRORS
4	WARNING - PROCESSING CAN CONTINUE
8	ERROR - SOME PROCESSING CAN CONTINUE
3024	REQUIRED MODULE CANNOT BE FOUND
3028	ABNLPARM DDNAME CANNOT BE OPENED

## CWDDLPUT Return Codes

The following table lists common return codes from the CWDDLPUT batch file utility. Many are not user recoverable or applicable. Contact Compuware Technical Support if necessary.

**Table 3-3.** CWDDLPUT Return Codes and Error Messages

Return Code	Message
0	NO ERRORS
4	WARNING - PROCESSING CAN CONTINUE
8	ERROR - SOME PROCESSING CAN CONTINUE
3024	REQUIRED MODULE CANNOT BE FOUND
3028	ABNLPARM DDNAME CANNOT BE OPENED

## CWDDUNLP Return Codes

The following table lists common return codes from the CWDDUNLP DDIO Source Extraction Utility. Many are not user recoverable. Contact Compuware Technical Support if necessary.

**Table 3-4.** CWDDUNLP Return Codes

Return Code	Message
0080	GETMAIN FAILURE, could not obtain needed storage space.
0081	VECTOR REQUEST BLOCK BUILD PROBLEM, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0082	REGION VECTOR ERRORS, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0083	ASSOCIATE VECTOR ERRORS, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0084	SPAWN VECTOR ERRORS, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0085	ASSOCIATE VECTOR WITH RQB ERRORS, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0086	SYSPRINT DD PROBLEM, check LRECL=133 and compatible BLKSIZE.
0087	CWPSRC DD PROBLEM, check LRECL=80 and compatible BLKSIZE.

**Table 3-4.** CWDDUNLP Return Codes

Return Code	Message
0088	LOAD FAILED FOR CWPIDRVB, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.
0089	DDIO VERSION IS NOT EQUAL TO CWDDUNLP, check version of (ECC,CSS), or call COMPUWARE SHARED SERVICES SUPPORT.

## MVS DDIO Return Codes

The following table lists common return code messages from DDIO, many of which are not user recoverable or applicable. This list of messages indicates that an internal error has occurred. The program issuing these messages will terminate. When users contact Compuware Corporation customer support, they should provide the listed reason code to the representative.

**Table 3-5.** MVS DDIO Return Codes and Error Messages

Return Code	Message
0	FUNCTION COMPLETED SUCCESSFULLY
4	OPEN ERROR
8	INVALID REQUEST
12	GETMAIN FAILURE
16	FILE NOT OPEN
20	CLOSE ERROR
24	FILE NOT FORMATTED
28	DATASET IS NOT FOUND
32	VOLSER WAS SPECIFIED FOR VSAM FILE
36	WRONG SI SIZE FOR VSAM PDS
40	VSAM SHAREOPTIONS FOR VSAM PDS
44	MEMBER IS NOT FOUND
48	MEMBER IS IN USE
52	CWCMOPNM LOAD FAILURE
56	CWCMOPNM IS FULL
60	FILE IS OPENED FOR INPUT ONLY
64	END OF FILE
68	FILE IS FULL
72	DIRECTORY IS FULL
76	MAX EXTENTS REACHED
80	DEAD FLAG WAS SET (REPORT WAS CLOSED)
84	CICS HAS THE FILE
88	OUTSIDE OF MEMBER
92	MEMBER WAS ALREADY OPENED
96	MEMBER WAS NOT OPENED
100	REQUEST IS INCOMPATIBLE WITH MEMBER'S FORMAT

**Table 3-5.** MVS DDIO Return Codes and Error Messages

Return Code	Message
104	EYECATCHER ERROR: NOT FORMATTED
108	INVALID KEY LENGTH
112	INVALID KEYS ORDER
116	FILE IS OPEN FOR OUTPUT
120	KEY NOT FOUND
124	REPORT DOES NOT HAVE KEYS
128	INVALID INDEX BLOCK REQUEST CODE
132	INVALID INDEX DATA LENGTH
136	REPORT IS INCOMPATIBLE WITH DDIO RELEASE
140	PRODUCT AND DDIO RELEASES ARE INCOMPATIBLE
144	INVALID REQUEST FOR OC
148	INVALID REQUEST FOR AG
152	FILE BLOCKSIZE TOO SMALL TO HOLD INDEX RECORDS FOR REPORT
156	SPECIFIED SORT KEY IS NOT APPLICABLE
160	NUMBER OF ENTRIES REQUESTED IS ZERO
164	MEMBER IS ALREADY OPEN
168	SORT-BY-LANGUAGE REQUIRES SLS ADDRESS
172	VSAM GET ERROR
176	VSAM PUT ERROR
180	VSAM GET ERROR - ON MODCB
184	VSAM PUT ERROR - ON MODCB
188	ATTEMPT TO READ BEFORE UPDATING BUFFER
192	ATTEMPT TO WRITE FROM UNCHANGED BUFFER
196	WRONG DDIO RELEASE NUMBER
200	OPSMF WAS ISSUED WITHOUT PREVIOUS OGSMF/
204	CWCMPND LOAD FAILURE
208	CWCMPND IS NOT IN AMODE(24)
212	FILTER=PARAMETER IS REQUIRED
216	FILTER=PARAMETER ON NON-SLS FILE
220	GE LIST/DIRECTORY COUNT MISMATCH
224	COPY/MOVE/IMPORT IN PROGRESS
228	MEMBER IS OPEN FOR CREATE
232	REQUEST IS NOT VALID WITH "OT" OPEN
236	INVALID LENGTH ON PUT-BYTES
240	BLOCKSIZE CHANGED AFTER FORMAT
244	NO NEXT/PREV INDEX BLOCK
248	SDIM/DBIO "OP" OUT-OF-SYNC
252	NULL DATABASE KEY SPECIFIED
260	ATTACH/DETACH IN PROGRESS

**Table 3-5.** MVS DDIO Return Codes and Error Messages

Return Code	Message
264	GC=1, EXTENTS=1
268	INCOMPATIBLE DB EYECATCH
272	SECURITY VIOLATION
276	REQUEST FAILED BY SYSTEM SECURITY - SEE JOBLOG
280	COMMUNICATIONS ERROR. MSG TEST IS UNAVAILABLE
284	ERROR ALLOCATING/OPENING THE ASSOCIATED SHARED DIRECTORY
4092	INTERNAL ERROR

## Language Processor Messages

This section lists language processor input/output and storage management return codes and language processor error messages.

### Language Processor Return Codes

The following table lists language processor input/output and storage management return codes referred to in message descriptions.

The return code is formatted into four bytes. The first two bytes are used for the processor function code, the last two bytes are for the IBM return code from the function.

**Table 3-6.** Language Processor Return Codes

Code	Description
x'0400'	End of file on file name.
x'08xx'	DDNAME not found. Check spelling of ddname.
x'0Cxx'	FREEMAIN error. Contact Compuware Technical Support.
x'1000'	File already closed, can't close it again. Contact Compuware Technical Support.
x'1C00'	File already opened, can't open it again. Contact Compuware Technical Support.
x'2000'	Skeleton FCB class not found. Contact Compuware Technical Support.
x'2C00'	Function code passed is not valid. Contact Compuware Technical Support.
x'30xx'	GETMAIN error. Contact Compuware Technical Support.
x'3400'	DCB DCBOFLGS, bit DCBOFOPN is not set after open. Contact Compuware Technical Support.
x'38xx'	Bad note. Contact Compuware Technical Support.
x'3Cxx'	Bad pointer for point. Contact Compuware Technical Support.



**Table 3-6.** Language Processor Return Codes

Code	Description
<b>x'40xx'</b>	<p>Bad write.</p> <p><b>-x'4030'</b></p> <ul style="list-style-type: none"> <li>Member is in use by another job or task.</li> </ul> <p><b>-x'4044'</b></p> <ul style="list-style-type: none"> <li>File is out of EXTENTS. Delete unused members or allocate a new file and format it.</li> <li>Member is out of EXTENTS. Allocate a new file and format it with a larger group count.</li> <li>No more directory space available. Allocate a new file and format it with more directory space or delete unused members.</li> </ul> <p><b>-x'40xx'</b> Contact Compuware Technical Support.</p>
<b>x'44xx'</b>	Bad read. Contact Compuware Technical Support.
<b>x'48xx'</b>	<p>Bad Open Member. Contact Compuware Technical Support.</p> <p><b>-x'4804', x'4818', x'4868'</b></p> <ul style="list-style-type: none"> <li>File not formatted. Format file using CWDDSUTL.</li> <li>File may be corrupted. Contact Compuware Technical Support.</li> </ul> <p><b>-x'4830'</b></p> <ul style="list-style-type: none"> <li>Member is in use by another job or task.</li> </ul> <p><b>x'4844'</b></p> <ul style="list-style-type: none"> <li>File is out of EXTENTS. Delete unused members or allocate a new file and format it.</li> <li>Member is out of EXTENTS. Allocate a new file and format it with a larger block size.</li> <li>No more directory space available. Allocate a new file and format it with more directory space, or delete unused members.</li> </ul> <p><b>x'4846'</b></p> <ul style="list-style-type: none"> <li>Shared directory was specified and none of the attached databases were eligible for use, or not enough space was found in the attached databases for the new member. Review attached databases, and either delete unused members, create another database in the shared directory, or set up DYNCREATE dynamic database creation capability.</li> </ul> <p><b>-x'48AC'</b> File not formatted. Format file using CWDDSUTL.</p> <p><b>-x'48xx'</b> Contact Compuware Technical Support.</p>
<b>x'4Cxx'</b>	Bad Close Member. Contact Compuware Technical Support.

## Language Processor Error Message Format

This section provides explanations of language processor message text.

Please note that the language processor error messages have a standard format. All messages include both a message number and a text description. Each part of a message number (e.g., Pxmmmmnnn-L) has a specific meaning:

<b>P</b>	Indicates a processor message
<b>x</b>	Name of the active language I = C (for COBOL). <ul style="list-style-type: none"> <li>• A — Assembler</li> <li>• C — COBOL</li> <li>• P — PL/I</li> <li>• Z — C</li> </ul>
<b>mmmm</b>	Module in which an error occurred or which generated an informational message
<b>nnn</b>	Message number
<b>-L</b>	Severity level: <ul style="list-style-type: none"> <li>• I = Informational (Return Code = 0)</li> <li>• W = Warning (Return Code = 4)</li> <li>• S = Severe (Return Code = 8)</li> <li>• D = Disaster (Return Code = 12)</li> </ul>

## Language Processor Error Messages and Return Codes

### **Pxmmmm001-S COBOL option LIST or OFFSET not specified.**

**Explanation:** A Procedure Map (LIST) or a Condensed Listing (OFFSET) required.

**System Action:** No COBOL verbs are merged into the Procedure Division.

**User Response:** Specify appropriate compiler option (LIST, LISTX, OFFSET, or CLIST) to generate a Procedure Map or Condensed Listing.

### **Pxmmmm002-S COBOL option MAP not specified.**

**Explanation:** A Data Division Map is required.

**System Action:** The language processor returns RC=8. Processing may continue, but with unpredictable results.

**User Response:** Specify appropriate compiler option (MAP or DMAP) to generate a Data Division Map.

### **Pxmmmm003-S COBOL option XREF not specified.**

**Explanation:** A cross-reference is required.

**System Action:** The language processor terminates.

**User Response:** Specify appropriate compiler option (XREF, XREF(xxx), or SXREF) to generate a cross-reference.

### **Pxmmmm004-S COBOL option NOWORD not specified.**

**Explanation:** A cross-reference is required.

**System Action:** The language processor terminates.

**User Response:** Specify appropriate compiler option (NOWORD) to generate a cross-reference.

**Pxmmmm005-S COBOL listing not complete.**

**Explanation:** Message Pxmmmm001, Pxmmmm003, Pxmmmm007, or Pxmmmm224 was issued, or one or more of the COBOL Divisions could not be found. A previous message will indicate what section is missing.

**System Action:** The language processor terminates.

**User Response:** Check for message Pxmmmm001 - Pxmmmm003, Pxmmmm007, Pxmmmm224, or the missing COBOL Division in the listing. Add missing compiler options, if necessary. If neither condition is found, contact Compuware Technical Support.

**Pxmmmm006-S xxxxxxxx file xxxxxxxx, xxxxxxxx error, Return Code=nn.**

**Explanation:** One of the following types of errors was issued on the specified file: CLOSE, CLOSEMEM, NOTE, OPEN, OPENMEM, POINT, READ, WRITE. A language processor return code is generated.

**System Action:** The language processor terminates.

**User Response:** Correct the JCL and resubmit the job.

**Return Codes:** The return code is formatted into four bytes. The first two bytes are used for the processor function code, the last two bytes are for the IBM return code from the function. See Table 3-6 on page 3-6 for a list of the return codes.

**Pxmmmm007-S xxxxxxxxxxxxxxxxxxxxxx not found.**

**Explanation:** A section of the listing was not found. Missing sections could be one of the following: condensed or assembler listing, data division, data name map, memory map, options, procedure division, or cross-reference.

**System Action:** The language processor terminates.

**User Response:** Check for messages Pxmmmm001 - Pxmmmm003. If the messages are not present, then check the COBOL listing for the section indicated by this message. If you do not find the section, perform the steps necessary to generate this section. If the section is present, contact Compuware Technical Support.

**Pxmmmm008-S Language not determined, processing may not be complete.**

**Explanation:** The version of the compiler cannot be determined from the first header of the listing. This may be due to an error in the CWPRTI file or because the header record does not match the formats coded. This can also occur if the compiler listing input to the postprocessor is the wrong language (for example, Assembler or PL/I).

**System Action:** The listing is processed with the language defined.

**User Response:** Check for correct assignment of the CWPRTI file. Retain the COBOL listing and contact Compuware Technical Support to define the header format and eliminate the error.

**Pxmmmm009-S Bad Return code from sort. RC=nn.**

**Explanation:** The sort was not completed successfully.

**System Action:** The listing is processed with work records in their current order.

**User Response:** Check your sort manual for the meaning of the sort return code, and any messages printed by the sort. Follow the instructions indicated by the sort manual.

**Pxmmmm010-S No more available extents on DDIO file.**

**Explanation:** The language processor encountered an out-of-space condition while writing to the DDIO file.

**System Action:** The listing is processed, but is not written, to the DDIO file.

**User Response:** Resolve the file full condition or use another DDIO file. To resolve the file full condition, you may delete members from the current DDIO file or rebuild the current file with more capacity.

**Pxmmmm011-S No more directory blocks available on DDIO file.**

**Explanation:** A new member cannot be opened because the maximum REPTCOUNT has been reached and autodelete processing cannot find any members eligible for deletion.

**System Action:** The listing is processed but is not written to the DDIO file.

**User Response:** Resolve the file full condition or use another DDIO file. To resolve the file full condition, you may delete members from the current DDIO file or rebuild the current file with a larger REPTCOUNT value.

**Pxmddd012-S No more extents allowed for member on DDIO file.**

**Explanation:** The DDIO file being written has reached the maximum number of extents allowed for the file.

**System Action:** The listing is processed, but is not written, to the DDIO file.

**User Response:** Use another DDIO file that allows more extents or which has a larger GROUPCOUNT/BLKSIZE combination. You may also rebuild this DDIO file to have a larger block size and/or GROUPCOUNT value.

**Pxmddd013-W Too many ")" found. Skipping to next valid option.**

**Explanation:** While processing the LP parameters, a parenthesis ')' was encountered where none was expected.

**System Action:** The language processor skips to the next valid option.

**User Response:** Verify that all parentheses are entered correctly in the LP parameter options and update if necessary.

**Pxmddd014-W Looking for "(" found "xxxxxxx". Skipping to next valid option.**

**Explanation:** The language processor options were entered incorrectly.

**System Action:** The language processor skips to the next valid option.

**User Response:** Verify that all LP parameters are entered properly, that all parentheses are entered correctly, and update if necessary. Add any missing subparameters. Check for misspelled parameters and keywords.

**Pxmddd015-W Looking for ")" found "xxxxxxx". Skipping to next valid option.**

**Explanation:** The language processor options were entered incorrectly.

**System Action:** The language processor skips to the next valid option.

**User Response:** Verify that all LP parameters are entered properly, that all parentheses are entered correctly, and update if necessary. Add any missing subparameters. Check for misspelled parameters and keywords.

**Pxmddd016-W Looking for valid data found "(" or ")". Skipping to next valid option.**

**Explanation:** The language processor options were entered incorrectly. A keyword is missing.

**System Action:** The language processor skips to the next valid option.

**User Response:** Verify that all LP parameters are entered properly, that all parentheses are entered correctly, and update if necessary. Add any missing subparameters. Check for misspelled parameters and keywords.

**Pxmddd017-I W-level messages will not be merged in source listing.**

**Explanation:** Informational message due to requested option. Either the PROCESSOR(WARNINGS(NONE)) command or the PROCESSOR(WARNINGS(NOEMBED)) command was specified.

**System Action:** W-level messages will not be merged in the source listing.

**User Response:** To merge W-level messages into the source listing, specify the COBOL compiler options PROCESSOR(WARNINGS(EMBED)) command or remove any PROCESSOR(WARNINGS(NONE or NOEMBED) commands.

**Pxmddd018-I W-level messages will not be printed at the beginning of the source listing.**

**Explanation:** Informational message due to requested option. The PROCESSOR(WARNINGS(NOFONT)) command was specified.

**System Action:** W-level messages will not be printed at the beginning of the source listing.

**User Response:** To print W-level messages at the front of the listing, specify the COBOL compiler option `PROCESSOR(WARNINGS(FRONT))` command or the `PROCESSOR(WARNINGS(BOTH))` command, or remove the `PROCESSOR(WARNINGS(NOFRONT))` command.

**Pxmxxx019-I through Pxmxxx023** **COBOL text for abend support will not be generated for the xxxxxxxx section.**

**Explanation:** The language processor command `PROCESSOR(TEXT(NOxxxxxxx))` was entered (where 'xxxxxxx' specifies the corresponding section of the listing. This parameter format is no longer supported. You should only specify `PROCESSOR(TEXT(NONE))` or `PROCESSOR(TEXT(ALL))`).

**System Action:** Non-executable text code will not be generated for the specified section.

**User Response:** To generate all non-executable text code, specify `PROCESSOR(TEXT(ALL))`. To not generate non-executable text code, specify `PROCESSOR(TEXT(NONE))`.

**Note:** This option is not supported for the COBOL for MVS and VM compiler. The `PROCESSOR(TEXT(xxxxxxxx))` option is not supported.

**Pxmxxx024-I** **COBOL TEXT for abend support will not be generated.**

**Explanation:** Informational message due to requested option. The language processor command `PROCESSOR(TEXT(NONE))` was specified.

**System Action:** Non-executable text code will not be generated.

**User Response:** To generate all non-executable text code, specify `PROCESSOR(TEXT(ALL))`.

**Note:** This option is not supported for the COBOL for MVS and VM compiler. The `PROCESSOR(TEXT(xxxxxxxx))` option is not supported.

**Pxmxxx025-W** **Data found xxxxxxxxx longer than valid, data truncated to xxxxxxxx.**

**Explanation:** A ddname or file name was longer than allowed.

**System Action:** Data was truncated to maximum allowable length.

**User Response:** Correct the JCL and resubmit the job.

**Pxmxxx026-W** **xxxxxxx is not a valid keyword. Skipping to next valid keyword.**

**Explanation:** The language processor options have been entered incorrectly. Keyword specified is not a valid keyword.

**System Action:** The language processor skips to the next valid keyword.

**User Response:** Correct the spelling of the keyword or remove it.

**Pxmxxx027-I** **xxxxxxx**

**Explanation:** A language processor option was specified.

**System Action:** A listing of the options selected is printed.

**User Response:** None required.

**Pxmxxx028-I** **xxxxxxx**

**Explanation:** A language processor option was specified.

**System Action:** A listing of the options selected is printed.

**User Response:** None required.

**Pxmxxx029-W** **CSECT name xxxxxxx not found in the load text dataset.**

**Explanation:** Specified CSECT cannot be found in the load dataset. This message may occur if the CWPLOAD dd statement points to a dataset that contains an object module that does not match the compiler listing.

**System Action:** The language processor text is not appended.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx030-W "END" text not found for CSECT xxxxxxxx in the load text dataset.**

**Explanation:** No END statement was found for specified CSECT. This message may occur if the CWPLOAD dd statement points to a dataset that contains an incomplete object module.

**System Action:** The language processor text is not appended.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx031-W Processor text already present for CSECT xxxxxxxx in the load text dataset.**

**Explanation:** Specified CSECT has already been processed by the language processor. This message may occur if the CWPLOAD dd statement specifies DISP=MOD.

**System Action:** Non-executable text code is not added to the CSECT.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx032-W CSECT name xxxxxxxx not found in the deck text dataset.**

**Explanation:** Specified CSECT cannot be found in the deck dataset. This message may occur if the CWPDECK dd statement points to a dataset that contains an object module that does not match the compiler listing.

**System Action:** The language processor text is not appended.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx033-W "END" text not found for CSECT xxxxxxxx in the deck text dataset.**

**Explanation:** No END statement was found for the specified CSECT. This message may occur if the CWPDECK dd statement points to a dataset that contains an incomplete object module.

**System Action:** The language processor text is not appended.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx 034-W Processor text already present for CSECT xxxxxxxx in the deck text dataset.**

**Explanation:** Specified CSECT has already been processed by the language processor. This message may occur if the CWPDECK dd statement specifies DISP=MOD.

**System Action:** Non-executable text code is not added to the CSECT.

**User Response:** Correct the JCL and resubmit the job. Ensure that your JCL has the correct definition for the object deck (SYSLIN or SYSPUNCH).

**Pxmxxx035-W The Condensed Listing or the Assembler Listing was not found.**

**Explanation:** The message is issued in conjunction with message(s) Pxmxxx001 or Pxmxxx224 if the appropriate option(s) are not specified.

**System Action:** The language processor terminates.

**User Response:** Correct the compiler options and resubmit the job.

**Pxmxxx036-S xxxxxxxx file xxxxxxxx must contain either machine or ASA carriage control.**

**Explanation:** The COBOL listing (SYSPRINT), which is input to the language processor, must contain either machine- or ASA-carriage control characters.

**System Action:** The language processor terminates.

**User Response:** Ensure that the compiler listing input into the language processor contains either machine- or ASA-carriage control characters.

**Pxmxxx037-S Load module xxxxxxxx not found, RC=nn.**

**Explanation:** The processor could not find a required load module.

**System Action:** The language processor terminates.

**User Response:** Ensure that your STEPLIB contains the correct libraries, and if so, contact Compuware Technical Support.

The return code indicates the missing module. The following are possible return codes:

RC=0 - Operating system is invalid.  
 RC=04 - Load Module named is not found.  
 RC=08 - Load Module named is not found.  
 RC=1 - CUST not found.  
 RC=2 - HED1 not found.  
 RC=3 - LTR not found.  
 RC=4 - HED2 not found.  
 RC=10 - CUSTDB, CCATCUS2, CWCUST and CUSTTD not found.  
 RC=21 - DBAAHED1 not found.  
 RC=22 - CCAAHED1 not found.  
 RC=23 - xxxAHED1 not found (xxx = opsys prefix).  
 RC=24 - TDUGHED1 not found.  
 RC=31 - DBAAHED2 not found.  
 RC=32 - CCAAHED2 not found.  
 RC=33 - xxxAHED2 not found (xxx = opsys prefix).  
 RC=34 - TDUGHED2 not found.  
 RC=41 - DBAAct12 not found.  
 RC=42 - CCAAAct12 not found.  
 RC=43 - xxxAltr not found (xxx = opsys prefix).  
 RC=44 - TDUGLTRS not found.  
 RC=51 - CUSTDB used for customer error messages.  
 RC=52 - Product timed out.  
 RC=53 - Option timed out.  
 RC=54 - CUSTTD used for customer error messages.

**PxmMMM038-I No override options found. Default options used.**

**Explanation:** Informational message indicating the options used are the default options shipped or as configured by your site.

**System Action:** Print the message and continue processing.

**User Response:** To use different options, add them to the PARM statement on the EXEC card or in the CWPPRMO file.

**PxmMMM039-S Could not get storage. Bytes requested = nnnnnnnn.**

**Explanation:** An error occurred while obtaining storage. The length indicated in the message is the length of the storage that was requested while obtaining storage.

**System Action:** The language processor terminates.

**User Response:** Change the size parameter on the EXEC card, change the region size on the JOB card, or change the buffer size for the work files to obtain the storage needed to process the listing.

**PxmMMM040-W Data set xxxxxxxx is empty.**

**Explanation:** The dataset specified by xxxxxxxx is empty and cannot be used as input to the language processor.

**System Action:** Processing of the specified input file is terminated.

**User Response:** Change the JCL so that the input file contains the required input. Ensure that the specified DD points to a valid dataset.

**PxmMMM041-I xxxxxxxx**

**Explanation:** An informational message indicating options and/or parameters that were processed by the language processor. There is no required system action.

**System Action:**

**User Response:** Check the message text, or contact Compuware Technical Support for additional information.

**Pxmxxx042-W An nn-level message found and xxxxxxxx compile option specified.**

**Explanation:** Sections of the COBOL listing needed by the language processor were missing due to nn-level messages.

**System Action:** The language processor does not append text to the object code, or creates a DDIO member.

**User Response:** Correct compiler errors and rerun the job.

**Pxmxxx043-S COBOL text for abend support will not be generated because of errors found.**

**Explanation:** An error occurred while processing the listing, preventing the COBOL text from being generated.

**System Action:** The language processor continues but does not generate the COBOL text.

**User Response:** Check CWPERRM for previous error messages.

**Pxmxxx044-S DDIO member will not be generated because of errors found.**

**Explanation:** An error occurred while processing the listing that prevented the DDIO member from being generated.

**System Action:** The language processor continues but does not generate the DDIO member.

**User Response:** Check CWPERRM for previous error messages.

**Pxmxxx045-S Program compiled with invalid options for CICS.**

**System Action:** The CICSTEST parameter was specified and some invalid CICS compiler options were used. If command CICSTEST(OPTIONS(WARNING)) was used, then 'x' will be 'W' and RC is set to 4. If command CICSTEST(OPTIONS(SEVERE)) was used, the 'x' will be 5 and the RC is set to 8.

**System Action:** The language processor sets a return code of 4 or 8 depending on the CICSTEST option value.

**User Response:** Check the specified compiler options, and either change the options or remove the CICSTEST parameter.

**Pxmxxx046-W Invalid CICS options: xxxxxxxx.**

**Explanation:** The CICSTEST parameter was specified and some invalid CICS compiler options were used. This is a list of the options found invalid for a CICS compile.

**System Action:** The language processor continues and sets a return code of 4 or 8 depending on the CICSTEST option value.

**User Response:** Check the compiler options specified, and either change the options or remove the CICSTEST parameter.

**Pxmxxx047-S COBOL option VERB not specified.**

**Explanation:** The required option VERB was not requested at compile time.

**System Action:** The language processor terminates.

**User Response:** VERB is a required compiler option and must be specified.

**Pxmxxx048-S COBOL option NOLST not specified.**

**Explanation:** The required option NOLST was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** NOLST is a required compiler option and must be specified.

**Pxmxxx049-S COBOL option SOURCE not specified.**

**Explanation:** The source listing was not requested at compile time.

**System Action:** The language processor terminates.

**User Response:** SOURCE is a required compiler option and must be specified.



**Pxmmm050-S COBOL option XREF(FULL) not specified.**

**Explanation:** The required option XREF(FULL) was not requested at compile time.

**System Action:** The language processor terminates.

**User Response:** XREF(FULL) is a required compiler option and must be specified.

**Pxmmm051-S Postprocessor terminated; preprocessor must be used due to COPY SUPPRESS.**

**Explanation:** The COPY SUPPRESS parameter was specified. The preprocessor must be used.

**System Action:** The language processor terminates.

**User Response:** Change the JCL to use the preprocessor or remove the SUPPRESS parameter from the COPY statements.

**Pxmmm052-I Listing xxxxxxxx dated mm/dd/yyyy at hh.mm.ss successfully written to xxxxxxxx.**

**Explanation:** The specified listing was successfully written to the xxxxxxxx DDIO file.

**System Action:** The language processor successfully terminates.

**User Response:** None required.

**Pxmmm053-I Error writing listing xxxxxxxx dated mm/dd/yyyy at hh.mm.ss to xxxxxxxx.**

**Explanation:** An error occurred during processing which prevented the specified listing from being written to the xxxxxxxx DDIO file.

**System Action:** The language processor terminates.

**User Response:** Refer to prior error messages for a more detailed explanation of the actual error. If this message is issued and no prior error messages exist, check the compiler return code and error messages.

**Pxmmm054-S DDIONnnn - text.**

**Explanation:** An error occurred on the DDIO file. The text is an explanation of the return code specified in message Pxmmm006-S.

**System Action:** The language processor terminates.

**User Response:** Refer to the User Response for message Pxmmm006-S.

**Pxmmm055-S CA-OPTIMIZER option MDMAP/MMAP not supported when used with COBOL Report Writer.**

**Explanation:** A COBOL program with Report Writer has been compiled with CA-OPTIMIZER III MDMAP or CA-OPTIMIZER II MMAP. Not all DMAP information is contained in Merged DMAP area if the program contains Report Writer.

**System Action:** The language processor terminates.

**User Response:** Recompile the program without the MDMAP or MMAP compiler option.

**Pxmmm056-S Error processing MDMAP line number nnnnnn, RC=nn.**

**Explanation:** An error occurred while processing CA-OPTIMIZER merged DMAP information produced by CA-OPTIMIZER III MDMAP or CA-OPTIMIZER II MMAP. The error occurred on the line number specified.

**System Action:** The language processor continues, but suppresses the DDIO file.

**User Response:** Rerun the compiler specifying DMAP for OPTIMIZER III or MAP for OPTIMIZER II. This will turn off merged DMAP. Also, contact Compuware Technical Support with the listing and return code available.

The following is a list of possible return codes:

RC=01 - GETMAIN failed acquiring CWPC01MD work area.  
 RC=02 - Exceeded length of level table.  
 RC=03 - Locator cell type not recognized.  
 RC=04 - File type not recognized.  
 RC=05 - Picture clause character not recognized.

RC=06 - Usage clause not recognized.  
 RC=07 - Attribute flag (RODF) not recognized.  
 RC=08 - Error reading DWRK file.

**Pxmmmm057-S Specified source file not formatted as a source file.**

**Explanation:** The DDIO file specified in the JCL was not formatted as a source listing DDIO.

**System Action:** The language processor terminates.

**User Response:** Reformat as a source listing DDIO or allocate and format a new source listing DDIO.

**Pxmmmm058-S COBOL option BATCH specified.**

**Explanation:** The batch compiler option is not supported.

**System Action:** The language processor terminates.

**User Response:** Rerun the compile using COBOL option NOBATCH.

**Pxmmmm059-S xxxxxxxx file contains more than 1 listing.**

**Explanation:** The CWPPRTI input file contains more than one listing. The compiler option BATCH is not supported.

**System Action:** The language processor terminates after processing the first listing.

**User Response:** Remove all but the first listing from the CWPPRTI input file.

**Pxmmmm060-S COBOL option ATTRIBUTES(FULL) not specified.**

**Explanation:** The required option ATTRIBUTES(FULL) was not specified at compile time.

**System Action:** The language processor issues an error message and ends.

**User Response:** ATTRIBUTES(FULL) is a required option and must be specified.

**Pxmmmm061-S COBOL option COPY(FULL) not specified.**

**Explanation:** The required option COPY(FULL) was not specified at compile time.

**System Action:** The language processor issues an error message and ends.

**User Response:** COPY(FULL) is a required option and must be specified.

**Pxmmmm062-S TEXT option not valid on FUJITSU system. TEXT option turned off.**

**Explanation:** The PROC(TEXT(ALL)) was specified and is not valid on the FUJITSU system.

**System Action:** An error message is issued and the TEXT options turned off.

**User Response:** Specify the PROC(TEXT(NONE)) option at language process time.

**Pxmmmm063-S An S-level message was found. Required portions of the listing are missing.**

**Explanation:** An S-level error message was found during processing.

**System Action:** The language processor terminates.

**User Response:** Correct the compiler errors and resubmit.

**Pxmmmm064-S LIST option required when the OPTIMIZE option specified.**

**Explanation:** A VS COBOL II program has been compiled with the OPTIMIZE and OFFSET options. The LIST option is required.

**System Action:** The language processor terminates.

**User Response:** Recompile the program with NOOPT and OFFSET or OPT and LIST.

**Pxmmmm065-I Option PROC(BYPASS) has caused the Compuware Processor to be bypassed.**

**Explanation:** The PROC(BYPASS) preprocessor option was specified.

**System Action:** The compiler is invoked, but the language processor is bypassed. No information is written to the DDIO file.

**User Response:** Remove the PROC(BYPASS) option or specify PROC(NOBYPASS) to allow the language processor to be invoked.

**Pxxxxmm066-I The Compuware Processor has been bypassed due to the return code from the compiler.**

**Explanation:** The CONDDDDIO command specified a value that was less than the return code from the compiler.

**System Action:** The language processor is not invoked. No information is written to the DDIO file.

**User Response:** Correct the compiler errors, or remove the CONDDDDIO command, or raise the value to invoke the language processor.

**Pxxxxmm067-S Compiler xxxxxxxx not found.**

**Explanation:** The specified compiler cannot be found with the current STEPLIB, JOBLIB, or task library concatenation.

**System Action:** The compiler specified by the LANGUAGE command cannot be found.

**User Response:** Change the LANGUAGE command to specify the correct compiler, or change your STEPLIB, JOBLIB, or task library concatenation.

**Pxxxxmm068-W DDNAME xxxxxxxx not allocated. Include ignored.**

**Explanation:** An INCLUDE command was supplied with a ddname that is not contained in the JCL.

**System Action:** The INCLUDE command is ignored.

**User Response:** Correct the ddname in the INCLUDE command, or add the DD card to the JCL.

**Pxxxxmm069-S Error allocating xxxxxxxx.**

**Explanation:** The language processor was unable to dynamically allocate the specified dataset.

**System Action:** The language processor terminates.

**User Response:** Ensure that the dataset is not exclusively allocated by another DD statement.

**Pxxxxmm070-S Excessive number of parameters included. Include processing terminated.**

**Explanation:** The number of specified language processor/compiler parameters exceeded the storage available to store the parameters.

**System Action:** No included set of options are processed.

**User Response:** This may be caused by having recursive parameter files included (i.e., member A includes member B, and member B includes member A). If this is true, change the incorrect INCLUDE command to eliminate the recursive condition.

**Pxxxxmm071-S Include member xxxxxxxx(yyyyyyyy) not found.**

**Explanation:** An INCLUDE command specified a member that does not exist in the specified dataset.

**System Action:** The INCLUDE command is ignored.

**User Response:** Correct the INCLUDE command to specify the correct dataset.

**Pxxxxmm072-S Return code from function xxxxxxxx = yyyy at +nnnnnn.**

**Explanation:** An unexpected error occurred in an internal routine. Return code yyyy was received at offset nnnnnn in module xxxxxxxx.

**System Action:** The language processor terminates.

**User Response:** Contact Compuware Technical Support.

**Pxxxxmm073-S Unable to find compiler options in listing.**

**Explanation:** The Options section of the compiler listing could not be found.

**System Action:** Processing may continue, but with unpredictable results.

**User Response:** Ensure that your LANGUAGE command specifies the appropriate language. Verify that you have the correct compiler and that the compiler is in your STEPLIB or link list.

**Pxm074-S Unable to open dataset.**

**Explanation:** The dataset required by the language processor could not be opened.

**System Action:** The language processor terminates.

**User Response:** Ensure that the specified DD is included in your JCL.

**Pxm075-S Specified value not numeric or too high: xxxxxxxx.**

**Explanation:** An invalid language processor option value was specified.

**System Action:** The language processor terminates.

**User Response:** Correct the specified option in the CWPPRMO file or on the EXEC parameter.

**Pxm076-I Assuming CONDERRL(n).**

**Explanation:** The value specified for the CONDERRL command is invalid. Value n is assumed.

**System Action:** The language processor continues.

**User Response:** Correct the CONDERRL command in the CWPPRMO file or on the EXEC parameter and rerun the language processor.

**Pxm077-I Assuming CONDDDDIO(n).**

**Explanation:** The value specified for the CONDDDDIO command is invalid. Value n is assumed.

**System Action:** The language processor continues.

**User Response:** Correct the CONDDDDIO command in the CWPPRMO file or on the EXEC parameter and rerun the language processor.

**Pxm078-I The preprocessor has forced on option xxxxxxxxxxxxxxxx.**

**Explanation:** The required compiler option was not specified and was forced on by the preprocessor.

**System Action:** The language processor continues.

**User Response:** Add the required option in the CWPPRMO file or on the EXEC parameter to prevent the message.

**Pxm079-I The preprocessor has deleted option xxxxxxxxxxxxxxxx.**

**Explanation:** This option conflicts with the required language processor options, so it is ignored.

**System Action:** The language processor continues.

**User Response:** No response is needed. If you delete the specified options, the preprocessor will no longer have to delete it. Removing the option from the CWPPRMO file on the EXEC parameter will prevent the message.

**Pxm080-I PTFs applied are:**

**Explanation:** Option SYSTEM(ZAP) or SYSTEM(PTF) was specified.

**System Action:** A list of all PTFs applied to this release of CSS are displayed.

**User Response:** No response is needed. Removing the option from the CWPPRMO file on the EXEC parameter will prevent the message.

**Pxm081-I There are no PTFs applied.**

**Explanation:** Option SYSTEM(ZAP) or SYSTEM(PTF) was specified, but there are no PTFs applied to the CSS library.

**System Action:** The language processor continues.

**User Response:** None.

**Pxmxxx082-I Only errors printed due to CONDERRL(nnn) option.**

**Explanation:** The COBOL option CONDERRL(nnn) was specified, so only errors are printed.

**System Action:** The language processor continues.

**User Response:** No response is needed. If you want the entire error listing, remove option CONDERRL from the CWPPRMO file or the EXEC parameter.

**Pxmxxx083-S STOW error creating temporary SYSLIB member.**

**Explanation:** The language preprocessor was attempting to add a copybook to a temporary PDS (CWPPDS2) and received an error. This may occur if the directory is full.

**System Action:** The language processor terminates.

**User Response:** Add a DD to the JCL for CWPPDS2 with larger space parameters. If necessary, contact Compuware Technical Support.

**Pxmxxx084-I The printed output will simulate option xxxxxxxxxxxxxxxx.**

**Explanation:** The preprocessor forced on a required option that affects the compiler listing. In an effort to produce the listing in the form that was requested, the preprocessor will simulate the compiler option.

**System Action:** The language processor continues.

**User Response:** None.

**Pxmxxx085-S Do not specify CLOSE=FREE on SYSPRINT DD.**

**Explanation:** The CWPPRTI DD contains CLOSE=FREE.

**System Action:** The language processor terminates.

**User Response:** Remove CLOSE=FREE from CWPPRTI DD.

**Pxmxxx086-S SYSPRINT DD missing.**

**Explanation:** The language processor requires a SYSPRINT DD.

**System Action:** The language processor terminates.

**User Response:** Add a SYSPRINT DD.

**Pxmxxx087-S SYSPRINT DD must have DISP=MOD when running CA-OPTIMIZER and xxxxxxxxxxxx.**

**Explanation:** When using CA-OPTIMIZER, DISP=MOD must be coded on the SYSPRINT DD. The optimizer produces the banner page and then reopens the file to produce the listing. If MOD is not specified, the banner will be missing. The language processor expects to find the banner for optimized listings.

**System Action:** The language processor terminates.

**User Response:** Add DISP=MOD to the SYSPRINT DD.

**Pxmxxx088-W SWAREQ service failed when inquiring about SYSPRINT, please notify COMPUWARE.**

**Explanation:** The IBM-supplied SWAREQ service is called by the language processor to find the attributes for the SYSPRINT file. An unexpected error occurred during the SWAREQ.

**System Action:** The language processor terminates.

**User Response:** Contact Compuware Technical Support.

**Pxmxxx089-S xxxxxxxx cannot be allocated as SYSIN, SYSOUT, or DUMMY.**

**Explanation:** The DD represented by xxxxxxxx cannot be allocated to SYSIN, SYSOUT, or DUMMY.

**System Action:** The language processor terminates.

**User Response:** Change the DD for xxxxxxxx so it is not allocated to SYSIN, SYSOUT, or DUMMY.

**Pxmmm090-S SWAREQ GETMAIN failed, please increase REGION.**

**Explanation:** A GETMAIN issued in preparation of a SWAREQ failed.

**System Action:** The language processor terminates.

**User Response:** Increase your REGION parameter.

**Pxmmm091-S CA-OPTIMIZER will not tolerate SYSPRINT allocated as a PDS member when running xxxxxxxxxx.**

**Explanation:** This CA-OPTIMIZER release does not support SYSPRINT being allocated to a PDS member.

**System Action:** The language processor terminates.

**User Response:** Change the JCL so SYSPRINT is not allocated to a PDS member.

**Pxmmm092-S SYSPRINT cannot be allocated to tape.**

**Explanation:** The language processor requires the SYSPRINT file to be allocated to DASD.

**System Action:** The language processor terminates.

**User Response:** Change your JCL so SYSPRINT is not allocated to a magnetic tape unit.

**Pxmmm093-I Possible LSTONLY compiler option used**

**Explanation:** The LSTONLY option was specified for VS COBOL. This option is unsupported.

**System Action:** The language processor terminates.

**User Response:** Change the compiler STEPLIB library to reference a supported compiler. Rerun the language processor.

**Pxmmm094-W Incorrect/conflict option(s) passed to compiler.**

**Explanation:** An option was passed to the compiler that is either invalid or in conflict with another option. This message is accompanied by message Pxmmm095-W.

**System Action:** The language processor does not pass the option to the compiler and processing continues.

**User Response:** Remove the invalid option.

**Pxmmm095-W xxx. . .xxx.**

**Explanation:** An invalid compiler option was specified. xxxx is the compiler message. Because the language processor forces the correct options, this message does not appear in the compiler listing, but is presented in the CWPERRM DD for reference.

**System Action:** The language processor continues.

**User Response:** Remove the invalid option.

**Pxmmm096-I The preprocessor has bypassed the dummy compile due to option \$NO.**

**Explanation:** COBOL option PROC(\$NO) was specified either in the CWPPRMO file or on the EXEC parameter. This causes the preliminary compilation to be bypassed.

**System Action:** The language processor continues.

**User Response:** Ensure that all required compiler options are specified. Refer to the appropriate language processing chapter in this guide. This guide lists the required options by compiler.

**Pxmmm097-W The preprocessor has bypassed the generated lines support due to option \$NG.**

**Explanation:** COBOL option PROC(\$NG) has been specified. This causes the GEN support processing to be bypassed. GEN support handles suppressed listing lines due to COPY SUPPRESS, PRINT NOGEN or OFF, or %NOPRINT.

**System Action:** The language processor continues.

**User Response:** No response is necessary, unless your source contains a COPY SUPPRESS, PRINT NOGEN or OFF, or %NOPRINT. If your source contains these options, either remove the suppress statements from your source or remove the PROC(\$NG) option.

**Pxmxxx098-S The SYSIN dataset is empty.**

**Explanation:** The SYSIN source file is empty.

**System Action:** The language processor terminates.

**User Response:** Change your JCL so SYSIN references the correct source file.

**Pxmxxx100-W CONDERRL does not support the language used.**

**Explanation:** The CONDERRL(n) option was specified but is not available for the compiler used. CONDERRL is only supported for OS/VS COBOL with CA-OPTIMIZER.

**System Action:** The language processor continues without CONDERRL.

**User Response:** Either remove the CONDERRL parameter or change your JCL to use CA-OPTIMIZER for VS COBOL.

**Pxmxxx101-W An "(" expected after xxxxxxxxx. Skipping to next valid option.**

**Explanation:** The parser was looking for a subparameter for xxxxxxxxx and failed to find a parenthesis '('.

**System Action:** The specified option is discarded and processing continues with the next valid option.

**User Response:** Add the missing subparameter or parenthesis for the specified option.

**Pxmxxx102-S No ESD information. Check assembly options.**

**Explanation:** The external symbol dictionary could not be found in the listing.

**System Action:** The language processor terminates.

**User Response:** Specify ESD as an assembly option and rerun the job.

**Pxmxxx103-S COBOL option GEN not specified**

**Explanation:** The required option GEN was not specified.

**System Action:** The language processor terminates.

**User Response:** GEN is a required compiler option and must be specified.

**Pxmxxx104-S COBOL option NONNUMBER not specified**

**Explanation:** The required option NONNUMBER was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** NONNUMBER is a required compiler option and must be specified.

**Pxmxxx105-S COBOL option OPTIMIZE specified**

**Explanation:** The required COBOL option OPTIMIZE was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** OPTIMIZE is a required compiler option and must be specified.

**Pxmxxx106-S COBOL option TEST specified.**

**Explanation:** The required option TEST was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** TEST is a required compiler option and must be specified.

**Pxmxxx107-S This compiler or assembler is not supported.**

**Explanation:** The compiler or assembler that was used is not supported by the language processor.

**System Action:** The language processor terminates.

**User Response:** Change the compiler STEPLIB library to reference a supported compiler. Rerun the language processor.

**Pxmxxx108-S xxxxxxxx - option not supported. Processing terminated.'**

**Explanation:** The language processing option that was specified is not supported.

**System Action:** The language processor terminates.

**User Response:** Remove the invalid option.

**Pxmxxx109-W LIST option should be specified when OPTIMIZE is specified.**

**Explanation:** This warning indicates that OFFSET was used with OPTIMIZE, but the LIST compiler option is recommended.

**System Action:** Postprocessing continues.

**User Response:** Change the compiler option to LIST and rerun the language processor.

**Pxmxxx110-S Usage of xxxxxxxx on stmt nnnnnnnn not supported. Processing terminated.**

**Explanation:** The specified Assembler Language Processor does not support any of the reserved words: ACONTROL, CATTR, or ALIAS.

**System Action:** The language processor terminates.

**User Response:** Modify the program or contact Compuware Technical Support.

**Pxmxxx111-I No Procedure Division found in listing.**

**Explanation:** No Procedure Division was found in the VS COBOL II or COBOL/370 nested COBOL program.

**System Action:** Processing may continue, but with unpredictable results.

**User Response:** None required.

**Pxmxxx112-W Enhanced FIND is not supported with nested COBOL programs. Support is disabled.**

**Explanation:** Enhanced FIND is not supported in nested COBOL programs.

**System Action:** Processing will continue, but the enhanced FIND feature will be disabled.

**User Response:** None required.

**Pxmxxx113-W TEXT is not supported with this compiler.**

**Explanation:** COBOL PROCESSOR option TEXT(ALL) was specified when using the COBOL for MVS and VM compiler. This option is not supported for this compiler release.

**System Action:** Processing continues. The member is written to the listing file, however, non-executable text code is not appended to the object CWPLOAD or CWPDECK.

**User Response:** None required. Use the Abend-AID Extended Language Support (XLS) option to view source information, if available. For further information, please contact Abend-AID MVS Version Technical Support.

**Pxmxxx114-S COBOL for MVS and VM reserved word found: xxxxxxxxxxxx.**

**Explanation:** A reserved word was found that is not supported when compiling with COBOL for MVS and VM.

**System Action:** The language processor terminates.

**User Response:** Bypass language processor viewing for this program or remove the object-oriented extensions from the source.

**Pxmxxx115-S TEXT is not supported for this compiler - Please contact your Abend-AID representative.**

**Explanation:** COBOL PROCESSOR option TEXT(ALL) and COBOL(OUTPUT) was specified when using the COBOL for MVS and VM compiler. This option is not supported for this compiler release.

**System Action:** The language processor terminates.

**User Response:** For further information, please contact Abend-AID MVS Version Technical Support.



**Pxmmmm116-S COBOL option PGMNAME(COMPAT) not specified.**

**Explanation:** The postprocessor requires compiler option PGMNAME(COMPAT).

**System Action:** The postprocessor terminates processing.

**User Response:** Specify compiler option PGMNAME(COMPAT).

**Pxmmmm117-I xxxxxxxx document captured in dataset yyyy volume zzzz.**

**Explanation:** A CWPCAP DD statement was specified in your JCL. This caused the language processor to capture the required documentation to send to Compuware Technical Support for problem resolution. Document xxxxxxxx was written to dataset yyyy on volume zzzz.

**System Action:** The language processor continues processing.

**User Response:** Send volume zzzz to Compuware Technical Support for problem resolution. If you do not have an outstanding language processor problem, remove the CWPCAP DD statement from your JCL.

**Pxmmmm118-S Error occurred capturing dataset xxxx RC=yy.**

**Explanation:** A CWPCAP DD statement was specified in your JCL. This caused the language processor to attempt to capture all the required documentation. An error occurred when trying to capture dataset xxxx. The error is indicated by the return code. Possible return codes are:

RC=04 - Dynamic allocation error

RC=08 - Error opening capture file

RC=0C - Error writing capture file

RC=10 - GETMAIN error

RC=14 - Utility error

RC=18 - LOADLIB error

**System Action:** The language processor continues attempting to gather other documentation.

**User Response:** Before sending documentation to Compuware, notify Technical Support. Manual effort may be required to send missing documentation. If DOCUMENT=LOADLIB and any CSS libraries are in the link list or LPA, specify these datasets in the STEPLIB.

**Pxmmmm119-S PL/I option(s) (OFFSET and STORAGE) or OBJECT not specified.**

**Explanation:** An OFFSET map and a STORAGE map, or an OBJECT map, is required.

**System Action:** The language processor terminates.

**User Response:** Specify either (OFFSET and STORAGE) or Listing OBJECT options.

**Pxmmmm120-S PL/I option MAP not specified.**

**Explanation:** An Internal Storage Map is required.

**System Action:** The language processor terminates.

**User Response:** Specify MAP as a compiler option.

**Pxmmmm121-S PL/I option XREF(FULL) not specified.**

**Explanation:** A cross-reference is required.

**System Action:** The language processor terminates.

**User Response:** Specify XREF(FULL) as a compiler option.

**Pxmmmm122-S PL/I option LIST not specified.**

**Explanation:** An alternate reserved word table was requested for a PL/I compile.

**System Action:** The language processor terminates.

**User Response:** Specify LIST as a compiler option.

**Pxmmmm123-S PL/I option ATTRIBUTES(FULL) not specified.**

**Explanation:** The required option ATTRIBUTES(FULL) was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** Specify ATTRIBUTES(FULL) as a compiler option.

**Pxmxxx124-S PL/I option AGGREGATE not specified.**

**Explanation:** The required option AGGREGATE was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** Specify AGGREGATE as a compiler option.

**Pxmxxx125-S PL/I option SOURCE not specified.**

**Explanation:** The source listing was not requested at compile time.

**System Action:** The language processor terminates.

**User Response:** Specify SOURCE as a compiler option.

**Pxmxxx126-S PL/I option OFFSET not specified.**

**Explanation:** The required option OFFSET was not specified at compile time.

**System Action:** The language processor terminates.

**User Response:** Specify OFFSET as a compiler option.

**Pxmxxx127-S PL/I option STORAGE not specified.**

**Explanation:** The required option STORAGE was not requested at compile time.

**System Action:** The language processor terminates.

**User Response:** Specify STORAGE as a compiler option.

**Pxmxxx128-W Dataname xxxxxxxx not found. It may exceed 30 characters and was not processed fully.'**

**Explanation:** Datanames longer than 30 characters are supported only for PL/I compiler releases 2.3 and above, PL/I ADCYCLE, and PL/I for MVS and VM.

**System Action:** The language processor terminates.

**User Response:** If possible, use compiler releases 2.3 and later.

**Pxmxxx129-S PL/I listing not complete.**

**Explanation:** Message Pxmxxx119 - Pxmxxx121 or Pxmxxx007 was issued or, one or more of the PL/I sections could not be found. A previous message will indicate what section is missing.

**System Action:** The language processor terminates.

**User Response:** Check for messages Pxmxxx119 - Pxmxxx121 or Pxmxxx007, or missing PL/I section in the listing. Add missing compiler options as necessary. If neither condition is found, contact Compuware Technical Support.

**Pxmxxx130-S Postprocessor terminated; preprocessor must be run due to %NOPRINT.**

**Explanation:** An attempt was made to postprocess a %NOPRINT statement. The postprocessor is not designed to handle %NOPRINT.

**System Action:** The language processor terminates.

**User Response:** Use the preprocessor to process the %NOPRINT statement.

**Pxmxxx131-S Preprocessor terminated; possible Macro Generated % NOPRINT encountered.**

**Explanation:** During preprocessing, a %NOPRINT was found that the language processor could not handle. Most likely the %NOPRINT was generated within a macro.

**System Action:** The language processor terminates.

**User Response:** You can use the preprocessor to process the %NOPRINT statement, or you can remove the %NOPRINT from the macro. Please refer to the *Compuware Shared Services User/Reference Guide* for additional information.

**Pxmmm132-S Internal error: Proc xxxxxxxx. Contact Compuware Technical Support.**

**Explanation:** The processor detected an internal error processing the Variable Storage Map area of a PL/I listing.

**System Action:** The language processor terminates.

**User Response:** Contact Compuware Technical Support.

**Pxmmm133-S Postprocessor terminated; multiple listings detected in CWPPRTI DD.**

**Explanation:** Multiple unique and separate PL/I source programs compiled in a single batch compilation are not supported.

**System Action:** The language processor terminates.

**User Response:** Compile each source program separately.

**Pxmmm134-S Postprocessor terminated; first statement not PROCEDURE.**

**Explanation:**

**System Action:** The language processor terminates.

**User Response:**

**Pxmmm150-S Assembler option XREF not specified.**

**Explanation:** A cross-reference is required.

**System Action:** The Assembler postprocessor terminates.

**User Response:** Specify XREF as an assembler option.

**Pxmmm151-S Postprocessor terminated. The preprocessor must be used due to PRINT OFF/NOGEN.**

**Explanation:** A PRINT OFF or NOGEN was found in the listing but the preprocessor was not used.

**System Action:** The language processor terminates.

**User Response:** Either change your JCL to use the preprocessor or remove the PRINT OFF and/or PRINT NOGEN from the source.

**Pxmmm152-S Assembler listing not complete.**

**Explanation:** Message (Pxmmm150 or Pxmmm007) was issued, or one or more of the Assembler sections could not be found.

**System Action:** The Assembler postprocessor terminates.

**User Response:** Check for message Pxmmm150 or Pxmmm007 or missing Assembler section in the listing. If a section is missing, ensure that the correct assembly option(s) are specified. If the options are correct, contact Compuware Technical Support.

**Pxmmm153-W Operand ONE does not use a base or an index register specified.**

**Explanation:** The language processor option DIAGNOSE(LOW-CORE) was specified and an instruction was found that has both the base register and the index register (where applicable) coded as zero.

**System Action:** The Assembler postprocessor sets the return code to 4.

**User Response:** Change the source code to eliminate the possible problem, change the language processor option to NOLOW-CORE, or ignore the warning because the source code is correct.

**Pxmmm154-W Operand TWO does not use a base or an index register specified.**

**Explanation:** The language processor option DIAGNOSE(LOW-CORE) was specified and an instruction was found that has both the base register and the index register (where applicable) coded as zero.

**System Action:** The Assembler postprocessor sets the return code to 4.

**User Response:** Change the source code to eliminate the possible problem, change the language processor option to NOLOW-CORE, or ignore the warning because the source code is correct.

**Pxmxxx155-W RX instruction uses an index register but has no base register.**

**Explanation:** The language processor option DIAGNOSE(ESA-INDEX) was specified, and an instruction was found that has an index register and no base register coded.

**System Action:** The Assembler postprocessor sets the return code to 4.

**User Response:** Change the source code to eliminate the possible problem, change the language processor option to NOESA-INDEX, or ignore the warning because the source code is correct.

**Pxmxxx220-S COBOL option LIST(0,999999) not specified**

**Explanation:** A full program listing must be displayed.

**System Action:** The language processor receives a RC=8. Processing may continue, but with unpredictable results.

**User Response:** Specify the LIST option.

**Pxmxxx221-S COBOL option PMAP or CLIST not specified**

**Explanation:** A Procedure Map (PMAP) or condensed listing (CLIST) is required.

**System Action:** The language processor terminates.

**User Response:** Specify appropriate compiler option (PMAP or CLIST).

**Pxmxxx222-S COBOL option LISTX or CLIST not specified**

**Explanation:** The LISTX or CLIST compiler option is required.

**System Action:** The language processor terminates.

**User Response:** Specify the appropriate compiler option LISTX or CLIST.

**Pxmxxx223-S COBOL option MAP(FULL) not specified**

**Explanation:** Required COBOL compiler option MAP(FULL) was not specified.

**System Action:** The language processor terminates.

**User Response:** Specify the MAP(FULL) compiler option.

**Pxmxxx224-S COBOL option DMAP not specified**

**Explanation:** Required COBOL compiler option DMAP was not specified.

**System Action:** The language processor terminates.

**User Response:** Specify the DMAP compiler option.

**Pxmxxx225-S COBOL option XREF or SXREF not specified**

**Explanation:** Required COBOL compiler option XREF or SXREF was not specified.

**System Action:** The language processor terminates.

**User Response:** Specify the appropriate compiler option, XREF or SXREF.

**Pxmxxx226-S Getvis error. LENGTH=nnnnnnnn.**

**Explanation:** A Getvis error occurred while trying to obtain storage in the VSE environment

**System Action:** The language processor terminates.

**User Response:** Rerun the job in a larger partition.

**Pxmxxx227-S COBOL option XREF(LONG) not specified.**

**Explanation:** The required option XREF(LONG) was not specified.

**System Action:** The language processor issues an error message and ends.

**User Response:** Specify the XREF(LONG) compiler option. It is required.

**Pxmmmm228-S COBOL option NAME specified.**

**Explanation:** The required option NAME was not specified.

**System Action:** The language processor issues an error message and ends.

**User Response:** Specify the NAME compiler option. It is required.

**Pxmmmm229-S COBOL option SOURCE(1) not specified.**

**Explanation:** The required option SOURCE was not specified.

**System Action:** The language processor issues an error message and ends.

**User Response:** Specify the SOURCE compiler option. It is required.

**Pxmmmm257-E Cannot find typedef ttttttt line:col.**

**Explanation:** The C language processor cannot find the definition of typedef 'ttttttt'. The typedef is used at the specified line and column in the Source section of the listing.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm258-E Cannot determine size of line:col.**

**Explanation:** The C language processor needs to evaluate the 'sizeof' function for an expression, but is unable to determine the underlying type of the expression. The expression occurs at the specified line and column in the Source section of the listing.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm259-E Cannot calculate constant expression line:col.**

**Explanation:** The C language processor needs to evaluate the value of some expression, but is unable to do so. The expression occurs at the specified line and column in the Source section of the listing.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm260-E Variable xxxxxxxx not found.**

**Explanation:** The C language processor has found the named variable in the Storage Offset section of the listing, but did not find any definition of that variable in the Source section of the listing.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm261-S Internal error nnnnnnnn.**

**Explanation:** The C language processor has encountered a logic error in its own code. This message may be accompanied by other messages that specify the location of the error.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm263-S Illegal character line:col.**

**Explanation:** The C language processor has detected what appears to be an identifier at the specified line and column of the Source section of the listing, but the identifier begins with a character that is illegal for an identifier.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm264-W ( expected xxxxxxxx.**

**Explanation:** The options passed to the C language processor, through the CWPPRMO dataset or through the EXEC PARM= string, are not syntactically correct. A left parenthesis was expected but not found. The text "xxxxxxx" describes the context in which the left parenthesis was expected; for example, "after OUTPUT".

**System Action:** The language processor continues to process the listing, and will write it to DDIO if there are no errors more severe than this one. The processor will complete with return code 4.

**User Response:** Correct the syntax of the option.

**Pxmmmm265-S ) expected**

**Explanation:** The options passed to the C language processor, through the CWPPRMO dataset or through the EXEC PARM= string, are not syntactically correct. A right parenthesis was expected, to balance a previous left parenthesis, but no right parenthesis was found.

**System Action:** The language processor continues to process the listing, and will write it to DDIO if there are no errors more severe than this one. The processor will complete with return code 4.

**User Response:** Correct the syntax of the option.

**Pxmmmm266-E The following listing line was not recognized:.**

**Explanation:** While scanning the compiler listing, in some section after the Source section, the C language processor encountered a listing line in an unexpected format. The line in question is displayed in message 271, following this message.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** Please report this error to Compuware Technical Support.

**Pxmmmm267-S No source listing.**

**Explanation:** The C language processor never found a line it recognized as the page header line of a supported C compiler.

**System Action:** The language processor terminates with return code 8. It writes nothing to DDIO.

**User Response:** Check that you are using a supported C compiler, and (if using the postprocessor) that you have specified a valid C compiler listing in the DD statement for CWPPRTI.

**Pxmmmm268-E Unknown macro directive xxxxxxxx.**

**Explanation:** The C language processor has encountered a C-preprocessor directive (#xxxxxxx) that it does not recognize.

**System Action:** The language processor will continue to process the rest of the listing, but will eventually terminate with return code 8 or higher. The listing will not be written to DDIO.

**User Response:** You may be using a version of the C compiler not supported by the C language processor. If you can avoid using the unknown preprocessor directive, the C language processor may be able to complete successfully. If you are using a supported version of the C compiler, please report this problem to Compuware Technical support.

**Pxmmmm270-E Incompatible compile option xxxxxxx found, terminating.**

**Explanation:** The C language processor found a compiler option in effect that precludes it from processing the listing at all. The option PPNLY is an example.

**System Action:** The C language processor terminates with return code 16.

**User Response:** Either remove the incompatible option, or use the C compiler stand-alone for compiling with that option.

**Pxmmmm271-S    xxxxxxxx xxxxxxxx.**

**Explanation:** This message number is used to display a listing line that was involved in a previously reported error.

**System Action:** As required for the previously reported error.

**User Response:** See the preceding message for the nature and severity of the error.

**Pxmmmm272-S    Internal DDIO image error nnnnnnnn.**

**Explanation:** The C language processor has detected an internal error while attempting to write the listing to DDIO. The error is in the internal structure of the processor's control blocks; the DDIO file itself is not in error.

**System Action:** The C language processor terminates with return code 16.

**User Response:** Please report this problem to Compuware Technical Support.

**Pxmmmm274-W    Extraneous characters in option xxxxxxxx.**

**Explanation:** The options passed to the C language processor, through the CWPPRMO dataset or through the EXEC PARM= string, are not syntactically correct. Characters were found that did not form any part of a recognized option.

**System Action:** The language processor continues to process the listing, and will write it to DDIO if there are no errors more severe than this one. The processor will complete with return code 4.

**User Response:** Correct the syntax of the option.

**Pxmmmm275-W    Unable to add timestamp to object deck.**

**Explanation:** The C language processor was unable to add its internal information (including a compile timestamp) to the object deck produced by the compiler. XPEDITER/TSO will not be able to locate the listing for this program unless this problem is corrected.

**System Action:** The processor continues to completion, and writes the listing to DDIO, then terminates with return code 4.

**User Response:** If you are using the C language postprocessor, check that your DD for CWPLOAD specifies the object deck that corresponds to the listing you specified in your DD for CWPPRTI. If this does not solve the problem, please report the problem to Compuware Technical Support.

**Pxmmmm276-I    Object deck not updated because option PROCESSOR(\$NIDR) was coded.**

**Explanation:** The C language processor has bypassed updating the object deck produced by the compiler because you included the PROCESSOR(\$NIDR) option in the CWPPRMO dataset or in the 'EXEC PARM=' string.

**System Action:** The C language processor runs to completion and terminates with return code 0.

**User Response:** None.

**Pxmmmm277-S    LANGUAGE(xxxxxxxx) not recognized. Use CMVS or C390.**

**Explanation:** In the options for the C language processor, you included the option "LANGUAGE(xxxxxxxx)" to specify which C compiler the language processor should invoke. The text you put between the parentheses was not CMVS or C390.

**System Action:** The C language processor terminates with return code 16.

**User Response:** Specify CMVS to invoke the C/C++ for MVS compiler (program CBC320PP) or specify C390 to invoke a version of the C/C++ for OS/390 compiler (program alias CBCDRVR).

**Pxmmmm278-S    LP shared directory for member name longer than 8: cccccccc**

**Explanation:** You are attempting to write a "C" listing, with a name (ccccccc) longer than 8 characters, to an ordinary DDIO file. Only an LP database attached to a shared directory can support a name longer than 8 characters. See the "C Language Processor" chapter of the *Compuware Shared Services User/Reference Guide* for how the name of a "C" listing is selected. See "Batch File Utility CWDDLPUT" in the *Compuware Shared Services User/Reference Guide* for how to create an LP shared directory.

**System Action:** The language processor terminates with an error. The listing is not written to DDIO.

**User Response:** Either use a shorter name (see “C Language Processor” in the Compuware Shared Services User/Reference Guide) for how to select a name), or create an LP shared directory with attached LP database(s) to hold this member.

**PxmMMM279-S dddddddd must be RECFM F(B)(A) LRECL03 or 9V(B)(A) LRECL >= 137.**

**Explanation:** You are attempting to write the compiler listing to a DD name ‘ddddddd’ (usually SYSPRT) which has the wrong DCB characteristics for a listing.

**System Action:** The language processor terminates with an error. The listing is not written to DDIO.

**User Response:** Change the DD statement and rerun the job.

**PxmMMM301-S Unable to identify root word for nnnnnnnn.**

**Explanation:** The COBOL alternative reserved word table has found a reserved word it cannot recognize.

**System Action:** The language processor continues, but you may receive compiler errors.

**User Response:** Review your reserved word table and make sure you are using a correct reserved word.

**PxmMMM302-W Push/Pop table limit exceeded.**

**Explanation:** The Assembler program exceeded the limit set for PUSH PRINT and there was no matching POP PRINT.

**User Response:** The language processor continues.

Contact Compuware Technical Support.

**PxmMMM303-W Insufficient GETVIS. Run in a partition with at least X.X Meg of GETVIS.**

**Explanation:** (VSE only) The VSE partition does not have enough GETVIS storage for the job you are running.

**System Action:** The job terminates with an error return code.

**User Response:** Resubmit the job to a partition that has at least the indicated amount (“X.X Meg”) of GETVIS storage.

**PxmMMM304-S C++ compiler is not yet supported.**

**Explanation:** The C language processor has detected that you are invoking the C++ compiler, or (postprocessor) that the listing you are processing was produced by the C++ compiler.

**System Action:** The language processor terminates with return code 8 or 16.

**User Response:** Do not attempt to use the Compuware C language processors in connection with C++.

**PxmMMM305-S Compiler option xxxxxxxx is required.**

**Explanation:** The C language postprocessor has discovered that the listing you specified in the DD for CWPPRTI was compiled without one or more of the compiler options required by the postprocessor. The required options are EXPMAC, SOURCE, SHOWINC, LIST and XREF.

**System Action:** The C language postprocessor terminates with return code 8.

**User Response:** Recompile your program using all the required options.

**PxmMMM306-S Dummy compile failed, RC = xxxxxxxx.**

**Explanation:** The C language preprocessor attempts a small dummy compile to determine the net effect of the compiler options you have requested combined with the compiler options it must force on. This dummy compile has failed with a return code greater than 4.

**System Action:** The C language preprocessor terminates with return code 16.

**User Response:** Review the compiler options you have requested for correctness by C standards. If you cannot discover any error, please report this problem to Compuware Technical Support.



**Pxxxxmm307-E Recursive xxxxxxxx statement found for xxxxxxxx.**

**Explanation:** A copy or include member contains a recursive reference to the same member. Nested copy or include members that are recursive in nature are not supported.

**System Action:** The CSS language preprocessor terminates the compilation.

**User Response:** Remove the recursive references from the source programs and resubmit the job.

**Pxxxxmm308-I DBMODEL DYNCREATE=YES specified; dynamic database creation invoked, processing continues.**

**Explanation:** CWPDDIO was specified as a shared directory, and not enough space was found on the attached databases to add the new source listing member. A DBMODEL with DYNCREATE=YES exists for this shared directory, and the dynamic database process was invoked, creating a new database, attaching it to the shared directory, and creating the new source member.

**System Action:** The language processor continues, but a return code of 4 is set.

**User Response:** None required.

**PTFPRNT01-I List of applied PTFs.**

**Explanation:** Informational message.

**System Action:** Applied PTFs are listed to the right of the message text.

**User Response:** None required.

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## Documentation Packaging Utility Condition Codes

The Documentation Packaging Utility is a batch program used to gather DDIO members, load modules, Program Inventory members, and flat files. The Documentation Packaging Utility will create a dataset with JCL that can be used to transmit the information to Compuware Corporation via FTP or to put the information on a tape cartridge. During the execution of the Documentation Packaging Utility, circumstances may cause one of the following condition codes to be set.

### ADSSU300

**0100 CALL NUMBER PREFIX IS AN INVALID LENGTH.**

**Explanation:** THE CALL NUMBER PREFIX IS EITHER MISSING OR IS GREATER THAN 7 CHARACTERS.

**User Response:** ENTER THE CALL NUMBER THAT WAS SUPPLIED BY THE COMPUWARE TECHNICAL SUPPORT REPRESENTATIVE.

**0105 CALL NUMBER SUFFIX IS AN INVALID LENGTH.**

**Explanation:** THE CALL NUMBER SUFFIX IS EITHER MISSING OR IS GREATER THAN 2 CHARACTERS.

**User Response:** ENTER THE CALL NUMBER THAT WAS SUPPLIED BY THE COMPUWARE TECHNICAL SUPPORT REPRESENTATIVE.

**0110 CLIENT NUMBER IS AN INVALID LENGTH.**

**Explanation:** THE CLIENT NUMBER IS EITHER MISSING OR IS GREATER THAN 6 CHARACTERS.

**User Response:** ENTER THE CALL NUMBER THAT WAS SUPPLIED BY THE COMPUWARE TECHNICAL SUPPORT REPRESENTATIVE.

**0115 THE EXEC PARM VALUE IS AN INVALID LENGTH.**

**Explanation:** THE PARM VALUE ON THE EXEC CARD IS EITHER MISSING OR IS GREATER THAN 22 CHARACTERS.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0120 THE "D" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE DATASET NAME FIELD. THE DATASET NAME IS REQUIRED.**

**Explanation:** THE DATASET NAME FIELD OF THE "D" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0125 THE "I" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE MODULE NAME FIELD. THE MODULE NAME IS REQUIRED.**

**Explanation:** THE MODULE NAME FIELD OF THE "I" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0130 THE "I" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE DATE FIELD. THE DATE FIELD IS REQUIRED.**

**Explanation:** THE DATE FIELD OF THE "I" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0135 THE "I" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE TIME FIELD. THE TIME FIELD IS REQUIRED.**

**Explanation:** THE TIME FIELD OF THE "I" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0140 THE "L" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE DATASET NAME FIELD. THE DATASET NAME IS REQUIRED.**

**Explanation:** THE DATASET NAME FIELD OF THE "L" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0145 THE "F" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE DATASET NAME FIELD. THE DATASET NAME IS REQUIRED.**

**Explanation:** THE DATASET NAME FIELD OF THE "F" RECORD IN THE COLLECTIN DATASET IS MISSING.

**User Response:** MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

**0150 THE MISCFIL DD HAS AN INVALID FIRST RECORD. THE DATASET NAME PREFIX USED FOR DATASET NAME CREATION IS INVALID.**

**Explanation:** THE DATASET NAME PREFIX RECORD OF THE MISCFIL DATASET IS INVALID.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0155 BAD OPEN ON THE AUDITRPT DD.**

**Explanation:** AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0160 BAD OPEN ON THE JCLOUT DD.**

**Explanation:** AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0165 BAD OPEN ON THE MISCFIL DD.**

**Explanation:** AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0170 BAD OPEN ON THE COLLECTIN DD.**

**Explanation:** AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0175 BAD OPEN ON THE FTPIN DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0180 THE "I" RECORD IN THE COLLECTIN DATASET HAS SPACES FOR THE CSECT NAME FIELD. THE CSECT NAME IS REQUIRED.**

Explanation: THE CSECT NAME FIELD OF THE "I" RECORD IN THE COLLECTIN DATASET IS MISSING.

User Response: MAKE THE CORRECTIONS AND RESUBMIT THE JOB.

## ADSSU30F

**0200 DYNAMIC ALLOCATION OF THE SYSUT1 DD FAILED.**

Explanation: AN ATTEMPT TO DYNAMICALLY ALLOCATE THE SYSUT1 DD FOR THE IEBGENER STEP FAILED.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0205 BAD OPEN ON THE COLLECTIN DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE. USER RESPONSE: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

## ADSSU30D

**0300 BAD OPEN ON ABNLPARM DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0305 BAD OPEN ON THE COLLECTIN DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

## ADSSU30L

**0400 AN OVERFLOW CONDITION OCCURRED ON THE COLLECTIN DD TABLE.**

Explanation: THE END OF AN INTERNAL TABLE HAS BEEN REACHED AND THERE ARE MORE ENTRIES TO PROCESS.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0405 BAD OPEN ON THE COLLECTIN DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0410 BAD OPEN ON SYSIN DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

## ADSSU30I

**0500 BAD OPEN ON CONTROL DD.**

Explanation: AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

User Response: CONTACT COMPUWARE'S TECHNICAL SUPPORT.

**0505 BAD OPEN ON THE COLLECTIN DD.**

**Explanation:** AN I/O ERROR OCCURRED DURING THE OPENING OF THE FILE.

**User Response:** CONTACT COMPUWARE'S TECHNICAL SUPPORT.

## Chapter 4.

# Host Communications Interface Base Services/HCI Error Messages

This chapter explains the return codes and messages issued by the Host Communication Interface (Base Services/HCI).

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## Host Communications Interface (Base Services/HCI) Error Messages

### HC0000S HCI SUBSYSTEM @@ ALREADY ACTIVE ON SYSTEM @@

**Explanation:** During initialization, the HCI has detected that a subsystem with the same Subsystem ID, which the current HCI is attempting to use, is still active on the MVS system identified in the message.

**System Action:** HCI is terminated.

**User Response:** Specify a different HCI subsystem ID or wait for the same one to finish.

### HC0001S @@ SUBSYSTEM @@ IS STILL ACTIVE ON SYSTEM @@

**Explanation:** During initialization, the HCI has detected that a subsystem with the same Subsystem ID which the current HCI is attempting to use, is still active on the MVS system identified in the message. HCI Subsystems do not automatically terminate until all application programs which were ever active have ended. Ended means that the MVS TCB under which the application was running has been detached, or that the entire address space in which the application was running has terminated.

**System Action:** Processing continues with message HC0006.

**User Response:** Wait for message HC0006, and reply to it appropriately.

### HC0002I @@ JOBNAME=@@, STEPNAME=@@

**Explanation:** This message is displayed by the HCI when the operator replies "D" to message HC0006, requesting further information regarding the application programs that are keeping the subsystem from ending. The Job name and the Step name of each application still active are displayed in this message.

**System Action:** Processing continues.

**User Response:** Wait for message HC0006, and reply to it appropriately.

### HC0003I @@ TPNAME=@@

**Explanation:** This message is displayed by the HCI when the operator replies "D" to message HC0006, requesting further information regarding the application programs that are keeping the subsystem from ending. The TP names for each application within the previously displayed job step are displayed in this message.

**System Action:** Processing continues.

**User Response:** Wait for message HC0006, and reply to it appropriately.

### HC0004I @@ SUBSYSTEM @@ NO LONGER ACTIVE. HCI STARTUP WILL CONTINUE

**Explanation:** This message is displayed by the HCI when the operator replies "D" to message HC0006, and the HCI determines that the problem (of an old copy of the Subsystem) no longer exists. That is, either the application, itself, ended, or the action that the operator took to cancel the application was successful. In either case, initialization of the new HCI continues.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0005I @@ OLD SUBSYSTEM @@ ABORTED. HCI STARTUP WILL CONTINUE**

**Explanation:** This message is displayed by the HCI when the operator replies "O" to message HC0006, and the HCI has successfully terminated the old copy of the Subsystem, and when all storage allocated to that Subsystem has been freed. Initialization of the new HCI continues.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0006C @@ REPLY "U" TO CONTINUE, "A" TO ABORT, OR "D" TO SHOW STATUS**

**Explanation:** This message is displayed by the HCI following message HC0001, or HC0003. This message request that the operator decide whether to let the old copy of the Subsystem continue running ("A"), or let the new copy of the Subsystem continue running ("U"), or simply to display the status of the old HCI ("D").

**System Action:** HCI initialization is suspended until the operator replies. If the operator replies "U", the old copy of the Subsystem will be terminated, and all storage associated with it will be freed. The new HCI will continue initialization. If the operator replies "A", the old copy of the Subsystem will be allowed to continue, and initialization of the new HCI will terminate. If the operator replies "D", the status of the old HCI will be displayed via messages HC0002 and HC0003.

**User Response:** Reply "U", "A" or "D".

**HCIHC0007E @@ UNABLE TO ATTACH JOURNAL TASK. R15=@@**

**Explanation:** The MVS ATTACH macro was issued to activate the Journal function sub-task. At the completion of the macro, Register 15 was not zero. The contents of R15 are displayed in the message. If R15=08, there is not sufficient storage to process the ATTACH request. Any other return code in R15 indicates an unexpected logic error.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0008E @@ JOURNAL TASK INITIALIZATION ERROR @@**

**Explanation:** Initialization has failed for the Journal function subtask. This may have resulted from insufficient storage, error when loading a module, or failure of another macro or function used in VSAM file initialization. The return code displayed is explained in the HCI Logic description.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0009I @@ JOURNAL @@ BEING OPENED**

**Explanation:** The Journal file identified by the DDNAME listed in this message is being opened by the HCI Subsystem.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0010I @@ JOURNAL @@ OPENED**

**Explanation:** The Journal file identified by DDNAME in the message has been successfully opened.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0011I @@ JOURNAL @@ BEING CLOSED**

**Explanation:** The Journal file identified by the DDNAME listed in this message is being closed by the HCI Subsystem.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0012I    @@ JOURNAL @@ CLOSED**

**Explanation:** The Journal file identified by DDNAME in the message has been successfully closed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0013I    @@ JOURNAL @@ BEING ALLOCATED**

**Explanation:** The Journal file identified by the DDNAME listed in this message is being allocated by the HCI Subsystem.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0014I    @@ JOURNAL @@ ALLOCATED ON VOLSER @@**

**Explanation:** The Journal file identified by DDNAME in the message has been successfully allocated on the volume identified in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0015I    @@ JOURNAL @@ BEING DEALLOCATED**

**Explanation:** The Journal file identified by the DDNAME listed in this message is being deallocated by the HCI Subsystem.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0016I    @@ JOURNAL @@ DEALLOCATED**

**Explanation:** The Journal file identified by DDNAME in the message has been successfully deallocated.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0017E    @@ JOURNAL @@ ALLOCATION ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to allocate a Journal file. DDNAME in the message identifies the file in error. See also message HC0024 for further error information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0018I    @@ JOB = @@, TP\_NAME = @@ HAS ENDED**

**Explanation:** This user has been force terminated from the HCI, via subsystem notify. The TP named in the message has been terminated. The TP was running as part of the job named in the message, and it was forced by the subsystem named in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0019E    @@ JOURNAL @@ VSAM OPEN ACB ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to open the ACB for a Journal file. DDNAME in the message identifies the file in error. See also message HC0025 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0020E    @@ JOURNAL @@ DEALLOCATION ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to release the allocation for a Journal file. DDNAME in the message identifies the file in error. See also message HC0024 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0021I    @@ JOURNAL @@ HAS BEEN FILLED**

**Explanation:** A VSAM PUT failed because there is no space left in the current Journal file. An attempt will be made to cycle to the next Journal file in use.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0022I    @@ NO JOURNALS ARE AVAILABLE FOR USE**

**Explanation:** As part of processing to make a Journal file ready for use, all Journal files were checked. None were found available. This could be the result of having no journals originally configured. If this is the case, then this message does not constitute an error. The HCI is simply notifying you that you have not configured any journals, and, therefore, there are none available for use. Or, the condition which caused this message could be the result of a failure to open a Journal, or because the available space in the Journal files was used up. The Journal facility will be unavailable until the state of the Journal files is altered.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0023E    @@ JOURNAL @@ VSAM CLOSE ACB ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to close the ACB for a Journal file. DDNAME in the message identifies the file in error. See also message HC0025 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0024I    @@ RBERROR=@@. RBINFO=@@**

**Explanation:** This message shows the error return code from the failing attempt to allocate a Journal file. DDNAME in the message identifies the file in error. See also message HC0017 for further information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0025I    @@ R15=@@. ACBERROR=@@**

**Explanation:** This message shows the error return code from the failing attempt to open an ACB for a Journal file. DDNAME in the message identifies the file in error. See also message HC0018 for further information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0026E    @@ JOURNAL @@ VSAM WRITE ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to write a Journal file record. DDNAME in the message identifies the file in error. See also message HC0027 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.



**HCIHC0027I    @@ RPLRDBWD=@@**

**Explanation:** This message shows the error return code from the failing attempt to write a Journal file record. DDNAME in the message identifies the file in error. See also message HC0026 for further information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0029E    @@ APPLID @@ VTAM ACB OPEN ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to open the ACB for a VTAM application name. APPLNAME in the message identifies the name of the application. See also message HC0030 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0030I    @@ R15=@@. ACBERFLG=@@**

**Explanation:** This message shows the error return code from the failing attempt to open an ACB for a VTAM application name. APPLNAME in the message identifies the application name in error. See also message HC0029 for further information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0031I    @@ APPLID @@ VTAM ACB OPEN**

**Explanation:** The VTAM application name identified by APPLNAME in the message has been successfully opened.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0032E    @@ APPLID @@ VTAM ACB CLOSE ERROR**

**Explanation:** This message indicates that an error has occurred in the attempt to close the ACB for a VTAM application name. APPLNAME in the message identifies the name of the application. See also message HC0030 for further error return code information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0033I    @@ APPLID @@ VTAM ACB CLOSED**

**Explanation:** The VTAM application name identified by APPLNAME in the message has been successfully closed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0034E    @@ SETLOGON (START) COMPLETION ERROR. @@,@@**

**Explanation:** This message indicates that an error has occurred in the attempt to issue the VTAM request SETLOGON START. The message includes the error return codes from the RPL and the sense code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0035E    @@ SUBTASK @@ UNABLE TO ESTABLISH ESTAE. R15=@@**

**Explanation:** This message indicates that an error has occurred in the attempt to issue the MVS ESTAE macro for a VTAM application processing subtask. APPLNAME in the message identifies the name of the application. The return code in Register 15 from the ESTAE macro is also listed. The return code can be one of the following: X'0C', X'10', X'14', X'18', X'1C', X'20', X'24' or X'28'. Refer to the MVS Application Development Macro Reference for further information on these return codes.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0036I    @@ SUBTASK @@ IS INITIALIZED**

**Explanation:** This message indicates that the MVS ESTAE macro was successfully issued. Establishing the ESTAE exit is the last step in initialization for a VTAM application processing subtask. APPLNAME in the message identifies the name of the application.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0037E    @@ INVALID COMMAND. RETRY**

**Explanation:** Either the command entered was invalid, or a valid command with invalid parameters was entered. The failing command is listed in the message. Re-enter a valid command with correct parameters.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0038I    @@ @@ COMMAND ACCEPTED**

**Explanation:** The operator has entered a SWITCH, OPEN, or CLOSE command for the Journal facility. The command listed in the message is being processed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0039I    @@ @@ TASK HAS BEEN DEACTIVATED**

**Explanation:** The Journal task or a VTAM ACB processing subtask is being purged as a result of operator request. The name of the purged task is listed in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0040I    @@ @@ TASK IS NOT ACTIVE**

**Explanation:** For a Deactivate Task command, the task requested to be altered is already inactive. The Operator, Journal, or VTAM processing subtask name is listed in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0041I    @@ @@ TASK IS ALREADY ACTIVE**

**Explanation:** For a Reactivate Task command, the task requested to be altered is already started. The Operator, Journal, or VTAM processing subtask name is listed in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0042I    @@ JOURNAL IS NOT OPEN**

**Explanation:** The operator entered a SWITCH or CLOSE command to alter the Journal facility status. At the time the command was issued, the Journal files were not open.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0043I    @@ JOURNAL IS ALREADY OPEN**

**Explanation:** The operator entered a OPEN command to alter the Journal facility status. At the time the command was issued, the Journal files were open.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0044I    @@ @@ JOURNAL RECORDS LOST**

**Explanation:** Because of the processing load on the CPU, not all journal records were written to the journal file(s). Some trace data has been lost. The message includes the Subsystem ID and the number of lost trace records.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0045I    @@ JOURNAL SWAP REQUESTED BY TP=@@**

**Explanation:** This is an informational message only, indicating that the TP named in the message has issued a CWSWAP call to cause the current journal data set to be closed and deallocated, and the next journal to be allocated and opened.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0046E    @@ SETLOGON (GNAMEADD) COMPLETION ERROR. @@,@@**

**Explanation:** This message indicates that an error has occurred in the attempt to issue the VTAM request SETLOGON GNAMEADD. The message includes the error return codes from the RPL and the sense code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0047E    @@ SETLOGON (GNAMEDEL) COMPLETION ERROR. @@,@@**

**Explanation:** This message indicates that an error has occurred in the attempt to issue the VTAM request SETLOGON GNAMEDEL. The message includes the error return codes from the RPL and the sense code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0048I    @@ COUPLING FACILITY FOR THIS HOST UNAVAILABLE**

**Explanation:** This message indicates that an error has occurred in the attempt to issue the VTAM request SETLOGON GNAMEADD, and that the error was that the coupling facility is not available.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0049I    @@ GENERIC NAME @@ ADDED FOR APPLID @@**

**Explanation:** This message indicates that the specified generic name has been added as an alias for the specified actual name.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0050I    @@ GENERIC NAME @@ DELETED FOR APPLID @@**

**Explanation:** This message indicates that the specified generic name has been deleted as an alias for the specified actual name.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0051E    @@ UNABLE TO ESTABLISH ENF EXIT. RC= @@**

**Explanation:** This message indicates that a non-zero return code resulted from an ENFREQ ACTION=LISTEN macro. The return code is displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0052E    @@ PARMLIB MEMBER @@ FOR TP @@ CANNOT BE READ**

**Explanation:** This message indicates that the HCI PARMLIB member named cannot be read, when attempting to activate the named TP. Most probably, the member does not exist in the data set.

**System Action:** The pending conversation is deallocated and control blocks are released.

**User Response:** Insure that the JCL exists in the PARMLIB and retry the conversation request.

**HCIHC0053E    @@ SDUMP FAILED WITH RC=@@**

**Explanation:** This message indicates that an attempt to take a dump to a SYS1.DUMPxx data set has failed. The return code from SDUMP is given.

**System Action:** Processing continues.

**User Response:** Processing continues.

**HCIHC0054E    @@ SDUMP SUPPRESSED BY DAE**

**Explanation:** This message indicates that the SDUMP named in message HC0053 has been suppressed by DAE, because the dump duplicates an identical one already taken.

**System Action:** Process continues.

**User Response:** If a dump is required, then enter IPCS under ISPF, and under UTILITIES and DAE, enter a "T" in the command area next to the dump in question. This will force DAE to allow the next dump to be taken.

**HCIHC0055E    @@ HCI ABEND @@ IN @@ AT @@**

**Explanation:** This message indicates that there has been an abend within the indicated HCI module, at the indicated location.

**System Action:** Process continues.

**User Response:** Refer this problem to the HCI support staff.

**HCIHC0056I    @@ NORMAL SHUTDOWN ALREADY IN PROGRESS. COMMAND IGNORED**

**Explanation:** This message indicates that the operator had already entered a "SHUTDOWN NORMAL" command, and before the HCI actually ended, entered another one.

**System Action:** The command is ignored.

**User Response:** Allow normal shutdown to complete, or enter a "SHUTDOWN IMMED" command.

**HCIHC0057I    @@ NORMAL SHUTDOWN PROCESSING HAS BEEN INITIATED**

**Explanation:** This message indicates that the operator entered a "SHUTDOWN NORMAL" command, and that normal end of job processing has been initiated.

**System Action:** End of job processing continues.

**User Response:** None.

**HCIHC0058I    @@ NORMAL SHUTDOWN PROCESSING IS CONTINUING**

**Explanation:** This message indicates that the operator entered a "SHUTDOWN NORMAL" command, and that normal end of job processing is still in progress.

**System Action:** End of job processing continues.

**User Response:** None.

**HCIHC0059I    @@ TASK @@ IS CONNECTED TO @@ REMOTE PARTNER(S)**

**Explanation:** This message indicates that the task named in the message is still connected to the indicated number of remote partners, and that HCI termination will not continue until all of these connections have ended.

**System Action:** End of job processing continues.

**User Response:** None.

**HCIHC0091I \*\*\*\* INITIALIZATION STARTED, ENDS WITH MESSAGE HCIHC0092I**

**Explanation:** The initialization phase of the HCI has started. The HCIHC0092I message signals the end of this initialization. If the HCIHC0092I message does not appear in a reasonable amount of time, say 2 minutes, check for possible causes listed under the HCIHC0092I message.

**System Action:** None.

**User Response:** None.

**HCIHC0092I @@ INITIALIZATION COMPLETE, HCI ACTIVE**

**Explanation:** The initialization phase of the HCI has completed. It is now active.

**System Action:** None.

**User Response:** None, if message appears. This message appears after the synchronous initialization is complete. There can be other asynchronous initialization messages following this one - HCIHC0031I and HCIHC0036I for example. If the message does not appear, then check the following:

1. If TCP/IP is defined in one of the HCICNAMB configuration entries, make sure that the TCP/IP maintenance is current - UP-TO-DATE.
2. Check for resource enqueue conflicts for those data sets referenced by the HCI JCL.
3. Make sure all access methods defined in the HCICNAMB configuration, e.g., TCP/IP, are active.
4. Check the dispatching priority for the HCI. It should be treated as a server and have a priority higher than the applications it services but lower than the access methods that service it.

**HCIHC0100E @@ UNABLE TO CONNECT TO TCPACCESS NAMED @@**

**Explanation:** For the indicated Subsystem ID, the HCI is unable to establish a connection with the TCPACCESS named in this message.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0101E @@ TCPACCESS TACCEP COMPLETION ERROR: @@,@,@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TACCEP macro. The contents of R15 and R0 and of the TPL return code fields are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0102E @@ TCPACCESS TACCEP INITIATION ERROR: @@,@,@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TACCEP macro. The contents of R15 and R0 and of the TPL return code fields are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0103E @@ TCPACCESS TCLOSE PCB EXECUTION ERROR: @@,@,@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TCLOSE macro. The contents of R15 and R0 and of the TPL return code fields are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0104E @@ TCPACCESS TCLOSE TSB EXECUTION ERROR: @@,@,@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TCLOSE macro. The contents of R15 and R0 and of the TPL return code fields are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0105E    @@ TCPACCESS AOPEN EXECUTION ERROR. R15=@@ R0=@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS AOPEN macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0106E    @@ TCPACCESS TOPEN PCB EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TOPEN macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0107E    @@ TCPACCESS TINFO EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TINFO macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0108E    @@ TCPACCESS TBIND EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TBIND macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0109E    @@ TCPACCESS TLISTEN COMPLETION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TLISTEN macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0110E    @@ TCPACCESS TOPEN TSB EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TOPEN macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0111E    @@ TCPACCESS TLISTEN INITIATION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TLISTEN macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0112E    @@ TCPACCESS TREC V INITIATION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TREC V macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0113E    @@ TCPACCESS TCONNECT INITIATION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TCONNECT macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0114E    @@ TCPACCESS TCONFIRM INITIATION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from A TCPACCESS TCONFIRM MACRO. THE CONTENTS OF R15 AND R0 ARE GIVEN.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0115E    @@ TCPACCESS TCONFIRM COMPLETION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from A TCPACCESS TCONFIRM MACRO. THE CONTENTS OF R15 AND R0 ARE GIVEN.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0116E    @@ TCPACCESS TCONNECT COMPLETION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from A TCPACCESS TCONNECT MACRO. THE CONTENTS OF R15 AND R0 ARE GIVEN.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0117E    @@ TCPACCESS TSEND COMPLETION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from A TCPACCESS TSEND MACRO. THE CONTENTS OF R15 AND R0 ARE GIVEN.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0118E    @@ TCPACCESS TREC V COMPLETION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TREC V macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0119E    @@ TCPACCESS TSEND INITIATION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TSEND macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0120E    @@ TCPACCESS TRELEASE TSB EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TRELEASE macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HC1HC0121E    @@ TCPACCESS TRELEASE PCB EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TRELEASE macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0122E    @@ TCPACCESS TOPTION EXECUTION ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS TOPTION macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0123E    @@ TCPACCESS DIRECTORY SERVICES ERROR: @@,@@,@@**

**Explanation:** For the indicated Subsystem ID, a non-zero return code resulted from a TCPACCESS DIRSRV macro. The contents of R15 and R0 are given.

**System Action:** Processing continues.

**User Response:** Insure that the named TCPACCESS is active on the system.

**HCIHC0200I    @@ HCI @@ HAS JOINED SYSPLEX GROUP @@ SUCCESSFULLY**

**Explanation:** For the indicated Subsystem ID, this message indicates that the HCI has successfully joined the sysplex group named in this message.

**System Action:** Processing continues.

**User Response:** Processing continues.

**HCIHC0201E    @@ HCI @@ HAS FAILED TO JOIN SYSPLEX GROUP @@**

**Explanation:** For the indicated Subsystem ID, this message indicates that the HCI has not been able to join the sysplex group named in this message.

**System Action:** Processing continues.

**User Response:** Processing continues.

**HCIHC0202E    @@ XCF FUNCTION @@ FAILED. RETCODE=@@. REASON=@@**

**Explanation:** For the indicated Subsystem ID, this message indicates that the named XCF function has failed with the return and reason codes given.

**System Action:** Processing continues.

**User Response:** Processing continues.

**HCIHC0203I    @@ GROUP @@ CONTAINS ACTIVE MEMBER @@**

**Explanation:** For the indicated Subsystem ID and sysplex subsystem id, the HCI has found the named member to be active in the sysplex group.

**System Action:** Processing continues.

**User Response:** Processing continues.

**HCIHC0600C    @@ TCP/IP @@ ERROR. RETCODE=@@ ERRNO=@@**

**Explanation:** For the indicated Subsystem ID, TCP/IP has returned a negative value, indicating an event failure. The name of the event, the return code and the error number are given in this message.

**System Action:** Processing continues.

**User Response:** Refer to the TCP/IP Messages and Codes manual for an explanation of the error message number.

- Install Note for TCP/IP release 3.1.0: Insure PTF UN97857 is on.
- Install Note for TCP/IP release 3.1.1: Insure PTF UN97858 or higher is on.
- Install Note for TCP/IP release 3.2.0: Insure PTF UQ19522 is on.

**HCIHC0601C    @@ UNABLE TO ESTABLISH CONNECTION WITH TCP/IP NAMED @@**

**Explanation:** For the indicated Subsystem ID, the HCI has attempted to establish a connection with the named TCP/IP address space, and has been unsuccessful.

**System Action:** Processing continues.



**User Response:** If TCP/IP is required for processing, stop the HCI and correct the problem. Otherwise, processing will continue without the named TCP/IP address space.

**HCIIHC0602C    @@ UNABLE TO BIND PORT NUMBER @@ WITH SOCKET NUMBER @@**

**Explanation:** For the indicated Subsystem ID, the HCI has attempted to bind the named port with the named socket, and has been unsuccessful.

**System Action:** Processing continues.

**User Response:** If the port named in this message is required, stop the HCI and correct the problem. Otherwise, processing will continue without this port number.

**HCIIHC0603I    @@ @@ UNCORRELATED CONVERSATION DATA IGNORED**

**Explanation:** Conversation data has been ignored because it cannot be determined where it is to be passed. If possible, the userid is provided. This is usually caused when a TP abnormally terminates and active conversations are still being processed. But, it is possible that the dispatching priorities are not correct between the protocol server (TCP), HCI and TP.

**System Action:** Processing continues.

**User Response:** Investigate the TP abend and make any necessary corrections. If there was no abending TP, then check the dispatching priorities. The relative priorities from highest to lowest should be as follows: protocol server (TCP) then HCI then the TP. The HCI should have a dispatching priority like CICS since it services multiple clients' TPs).

**HCIIHC0701C    @@-UNABLE TO LOAD INITIALIZATION MODULE HCIMINIT**

**Explanation:** For the indicated Subsystem ID, HCI initialization attempted to load the named module. The LOAD did not succeed. Since this module is needed for setup of the HCI data areas, ABEND was issued to terminate the HCI job. The LOAD could have failed due to a storage shortage, or the load module not found in the allocated files.

**System Action:** Processing continues.

**User Response:** None.

**HCIIHC0702C    @@-UNABLE TO GET STORAGE FOR JCA (SP=0,LOC=ANY)**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIIHC0703C    @@-UNABLE TO GET STORAGE FOR SAVE AREAS (SP=0,LOC=BELOW)**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIIHC0704C    @@-UNABLE TO GET STORAGE FOR SAVE AREAS (SP=241,LOC=ANY)**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIIHC0705C    @@-UNABLE TO GET STORAGE FOR GCA (SP=241,LOC=ANY)**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0800C    @@-NON-ZERO RETURN CODE FROM SHOWCB. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, length of VTAM control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0801C    @@-UNABLE TO GET STORAGE FOR VTAM CTL BLOCKS (SP=0), GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0802C    @@-NONZERO RETURN CODE FROM GENCB. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, lack of storage, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0803C    @@-NONZERO RETURN CODE FROM ATTACH. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for MVS control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0804C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR DCB POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0805C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR RPL POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0806C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR CCB POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for

initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0807C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR LUB POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0808C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR RCB POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0811C    @@-UNABLE TO GET STORAGE FOR ORE QUEUE, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0813C    @@-UNABLE TO GET STORAGE FOR CCB HASH TABLE, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0814C    @@-UNABLE TO GET STORAGE FOR SIT HASH TABLE, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0815C    @@-UNABLE TO LOAD MODULE TO SUBPOOL 245, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, HCI initialization attempted to load the named module. The LOAD did not succeed. Since this module is needed for setup of the HCI data areas, ABEND was issued to terminate the HCI job. The LOAD could have failed due to a storage shortage, or the load module not found in the allocated files.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0816C    @@-UNABLE TO LOAD REQUIRED MODULE. LOAD R/C=@@**

**Explanation:** For the indicated Subsystem ID, HCI initialization attempted to load a required module. The LOAD did not succeed. Since this module is needed for setup of the HCI data

areas, ABEND was issued to terminate the HCI job. The LOAD could have failed due to a storage shortage, or the load module not found in the allocated files.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0818C SUBSYSTEM @@ IS ALREADY ACTIVE ON THIS SYSTEM**

**Explanation:** The subsystem identified by this message was found to be already active in the MVS system. This information was found at a point in initialization where it is impossible to prompt for a new Subsystem ID and continue initialization. ABEND is issued to terminate the HCI job. Ensure that the Subsystem ID is unique, or that a recent HCI job has completely ended.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0819C @@-NONZERO RETURN CODE FROM ESTAE MACRO, R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0820C @@-NONZERO RETURN CODE FROM STIMER MACRO, R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0821C @@-SERVER REGION ABORTED AT OPERATOR REQUEST**

**Explanation:** For the indicated Subsystem ID, the operator issued a request to terminate a specific HCI server. The supporting region and job have been ended. This message is a confirmation of the completion of the operator's previous request.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0822C @@-UNABLE TO GET STORAGE FOR CSA MODULES, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

#### **HC1HC0823C @@-UNABLE TO GET STORAGE FOR CSA MODULES, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0824C    @@-UNABLE TO GET STORAGE FOR CSA MODULES, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0825C    @@ ALREADY ACTIVE ON THIS SYSTEM IS NOT AN HCI SUBSYSTEM**

**Explanation:** HCI initialization has discovered another subsystem active with the same Subsystem ID. After checking data in the Subsystem MVS control blocks, it was determined that the active system is not an HCI. Have the active subsystem shutdown, and then the HCI will initialize normally.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0900C    @@-NONZERO RETURN CODE FROM CPOOL BUILD FOR AMB POOL. R/C=@@**

**Explanation:** For the indicated Subsystem ID, the named macro was issued to obtain information needed to initialize the HCI control blocks. The macro gave a return code which is listed in the message. The HCI will be terminated via ABEND since data needed for initialization, storage for control blocks, for example, is unavailable. Check the documentation of the named macro for explanation of the listed return code.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0901C    @@-UNABLE TO GET STORAGE FOR JCB AREAS, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0902C    @@-UNABLE TO GET STORAGE FOR SIT AREAS, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0903C    @@-UNABLE TO GET STORAGE FOR TPT AREAS, GETMAIN R/C=@@**

**Explanation:** For the indicated Subsystem ID, GETMAIN was issued to allocate storage for the named area. The macro call failed. This storage is required for proper HCI operation. Therefore, ABEND is issued to terminate the HCI job.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC0904C    @@-UNABLE TO DETERMINE LOCATION OF CONFIGURATION TABLE**

**Explanation:** For the indicated Subsystem ID, HCI tried to locate the initialization parameters in a member in the configuration library. Either the library or the configuration member could not be located and processed. Check and correct the JCL definition of the configuration data library and members and rerun the HCI job.

**System Action:** System Action: Processing continues.

**User Response:** None.

**HC1HC0970C @@-UNABLE TO LOAD OPERATOR COMM. INITIALIZATION MODULE**

**Explanation:** For the indicated Subsystem ID, HCI initialization attempted to load the named module. The LOAD did not succeed. Since this module is needed for setup of the HCI data areas, ABEND was issued to terminate the HCI job. The LOAD could have failed due to a storage shortage, or the load module not found in the allocated files.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC0975C @@-UNABLE TO LOAD MODULES REQUIRED BY OPERATOR COMMUNICATIONS**

**Explanation:** For the indicated Subsystem ID, HCI initialization attempted to load the named modules. The LOAD did not succeed. Since this module is needed for setup of the HCI data areas, ABEND was issued to terminate the HCI job. The LOAD could have failed due to a storage shortage, or the load module not found in the allocated files.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1000I @@@ DISPLAY FOR SUBSYSTEM @@@ ON @@@**

**Explanation:** This is the first message in a message group which is displayed as the result of a DISPLAY ALL operator command. The message identifies the SYSID of the active HCI and the SMF identifier of the subsystem. See also messages HC1001, HC1002, HC1003, HC1004 and HC1005.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1001I @@@ JOBNAME = @@@, STEPNAME = @@@**

**Explanation:** This message is part of a message group which begins with message HC1000. This message identifies name and Step name of the subsystem SYSID named in the message.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1002I @@@ HCI STATUS BYTES = @@@**

**Explanation:** This message is part of a message group which begins with message HC1000. For the subsystem SYSID named in the message, the status bits are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1003I @@@ ESTAE DUMP UNIT NAME = @@@, VOLSER = @@@**

**Explanation:** This message is part of a message group which begins with message HC1000. For the subsystem SYSID named in the message, the name of the dump file unit name and the volume serial of the disk where the dump will be stored. The unit name is the standard MVS unit name; for example, SYSDA, TAPE, VIO.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1004I @@@ ESTAE DUMP DSNNAME PREFIX = @@@**

**Explanation:** This message is part of a message group which begins with message HC1000. For the subsystem SYSID named in the message, the DSNNAME PREFIX is the high-level qualifier which will be used for the name of the dataset containing a HCI dump.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1005I @@@ JOURNAL ACTIVITY FLAGS = @@@**

**Explanation:** This message is part of a message group which begins with message HC1000. The status bytes relating to the Journal facility of the subsystem SYSID named in the message, are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1006I    @@ DDNAME VOLSER STATUS DSNAME**

**Explanation:** This is the first message of a group which is displayed in response to a DISPLAY J or JOURNAL command. See also message HC1007. For the subsystem SYSID named, this message is a heading for a tabular display of Journal file information.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1007I    @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1006. Each line will be a repetition of HC1007. For the subsystem SYSID named in the message, data about 1 Journal file will be displayed. The file data will be the DDNAME which did the allocation, the serial of the volume on which the Journal file resides, the MVS dataset name of the Journal file, and an indication whether or not the Journal file is opened and in use.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1011I    @@ HCIAPING APINGD STARTED**

**Explanation:** This message is the first message displayed by the internal TP, HCIAPING. This message indicates that communication with a remote partner APING program has started.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1012I    @@ HCIAPING APINGD ENDED**

**Explanation:** This message is the last message displayed by the internal TP, HCIAPING. This message indicates that communication with a remote partner APING program has ended.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1013I    @@ HCIAPING SESSION WITH @@ STARTED**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIAPING. This message indicates that a session with the partner LU named has started.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1014I    @@ HCIAPING SESSION WITH @@ ENDED @@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIAPING. This message indicates that the session with the partner LU named has ended.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1015I    @@ HCIAPING MESSAGES READ @@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIAPING. This message indicates the number of messages read from the partner LU.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1016I    @@ HCIAPING MESSAGES WRITTEN @@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIAPING. This message indicates the number of messages written to the partner LU.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1017I    @@ HCIAPING ATELL MESSAGE FROM @@ FOLLOWS:**

**Explanation:** This message is displayed when the partner LU is running the ATELL client program, and has sent a message to the host. The text of this message is shown in the next message, HC1018.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1100I    @@ ACB NAME = @@, APPLID = @@, VERSION = @@**

**Explanation:** This is the first message in a message group which is displayed as the result of a DISPLAY ALL operator command. This message group displays the status of a job running a VTAM application which is managed by the subsystem SYSID named in this message. APPLNAME in the message identifies the VTAM name of the application. The version of the running VTAM is extracted from the vector returned on OPEN ACB and is listed in this message. See also messages HC1101, HC1102 and HC1103.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1101I    @@ SUBTASK STATUS = @@**

**Explanation:** This message is part of a message group which begins with message HC1100. For the subsystem SYSID named in the message, the status bytes of the VTAM application ACB subtask are displayed. This subtask is related to the Application named in message HC1100.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1102I    @@ MAIN PROGRAM EXECUTED = @@**

**Explanation:** This message is part of a message group which begins with message HC1100. The HCI subsystem SYSID is named in the message. The name of the program executed as part of this application job step is shown in PGMNAME in the message.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1103I X    @@ TIMES ATTACHED = @@, LAST ABEND = @@**

**Explanation:** This message is part of a message group which begins with message HC1100. The active subsystem is displayed as SYSID. For the subsystem SYSID shown, this message shows how many times that the VTAM processing subtask asked for the application named in HC1100 to be attached. Also, if there was a prior ABEND, that ABEND code is shown in ABNCODE.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1200I    @@ REGION JOBNAME @@ STEPNAME @@ PROCSTEP @@**

**Explanation:** This is the first message in a message group which is displayed as the result of a DISPLAY ALL operator command. The active subsystem is displayed as SYSID. This message group displays the status of a job running a server application. JOBNAME, STEPNAME and PROCSTEP keyword values are taken from the MVS JCL statements which make up the job that started the server. See also message HC1201.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1201I    @@ REGION STATUS @@ ASID @@**

**Explanation:** This message is part of a message group which begins with message HC1200. For the subsystem named SYSID and the server job named in message HC1200, the Region Control status bytes are displayed. Also, the MVS Address Space ID of the server job is shown.

**System Action:** Processing continues.



**User Response:** None.

**HCIHC1300I    @@ USER LOCAL TP\_NAME @@ USERID @@**

**Explanation:** This is the first message in a message group which is displayed as the result of a DISPLAY ALL operator command. The active subsystem is displayed as SYSID. This message group displays the Userid and TP\_Name of a server job running under the subsystem named SYSID in the message.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1301I    @@@ USER STATUS @@@**

**Explanation:** This message is part of a message group which begins with message HC1300. The active subsystem is displayed as SYSID. The status bytes of a userid which is active with the subsystem SYSID, is displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1302I    @@ SYSTEM @@ HAS BECOME ACTIVE AND ELIGIBLE FOR TPS**

**Explanation:** This message indicates that the named MVS system has just become eligible to receive "START" commands from the HCI in order to start TP programs.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1303E    @@ SYSTEM @@ HAS BECOME INACTIVE AND INELIGIBLE FOR TPS**

**Explanation:** This message indicates that the named MVS system has just become inactive, and is no longer eligible to receive MVS "START" commands.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1304E    @@ SYSTEM @@ STILL PENDING HCIYPREP EXECUTION**

**Explanation:** This message indicates that the named MVS system is active to the SYSPLEX, but is still waiting for HCIYPREP to execute to complete activation.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1400I    @@@ SYM\_DEST\_NAME @@@**

**Explanation:** This is the first message in a group which is displayed as a result of the DISPLAY ALL command. The active subsystem is displayed as SYSID. The name of the connection is given. This name was specified by the application on a CONNECT, or, if this conversation was started by receiving a FMH-5, then the name will be an 8-byte hexadecimal value. See also HC1401.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1401I    @@@ SYM\_DEST STATUS @@@**

**Explanation:** This message is part of a message group which begins with message HC1400. The active subsystem is displayed as SYSID. The status bytes for the network connection are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1500I    @@@ CONVERSATION PARTNER\_LU\_NAME @@@**

**Explanation:** This is the first message in a group which is displayed as a result of the DISPLAY ALL command. The active subsystem is displayed as SYSID. The name of the network resource, which has one or more conversations with the previously listed application, is

included in this message. See also HC1501 and HC1502 for more information about conversations with this LU.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1501I    @@ CONV STATUS @@ CONV STATE @@**

**Explanation:** This message is part of a message group which begins with message HC1500. The active subsystem is displayed as SYSID. The current state of the conversation being displayed is shown. For an interpretation of the hexadecimal number shown as CONV STATE, consult the CPI-C references.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1502I    @@ NUMBER RECEIVES @@ NUMBER SENDS @@**

**Explanation:** This message is part of a message group which begins with message HC1500. The active subsystem is displayed as SYSID. For the conversation listed in message HC1500, the number of messages sent and received are listed.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1600I    @@ BELOW 16M BELOW 16M ABOVE 16M ABOVE 16M**

**Explanation:** This is the first message in a group which is displayed as a result of the DISPLAY STORAGE command. The active subsystem is displayed as SYSID. This message is a heading line for storage statistics. See also HC1601, HC1602, HC1603, HC1604, HC1605, HC1606, and HC1607.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1601I    @@ CURRENT HIGHEST CURRENT HIGHEST**

**Explanation:** This message is part of a message group which begins with message HC1600. The active subsystem is displayed as SYSID. This message is a heading line for storage statistics.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1602I    PRIVATE @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1600. The current size of allocated storage and the highest size of storage ever allocated are listed for above and below the 16M line.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1603I    COMMON @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1600. The current size of allocated storage and the highest size of storage ever allocated are listed for above and below the 16M line.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1604I    MODULE @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1600. The current size of allocated storage and the highest size of storage ever allocated are listed for above and below the 16M line.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1605I BUFFER @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1600. The current size of allocated storage and the highest size of storage ever allocated are listed for above and below the 16M line.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1606I TOTAL @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1600. The current size of allocated storage and the highest size of storage ever allocated are listed for above and below the 16M line.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1607I GRAND TOTAL @@**

**Explanation:** This message is part of a message group which begins with message HC1600. This message shows the total storage allocated by the active HCI subsystem across all storage types, usage, and pools.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1610I @@ CURRENT HIGHEST MAXIMUM %USED**

**Explanation:** This is a heading line for information displayed as a result of the DISPLAY CONTROL BLOCKS command. This is the first message in a group of messages including HC1611, HC1612, HC1613, HC1614, HC1615, HC1616, HC1618, HC1619, HC1620, HC1621, HC1622 and HC1623.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1611I SAA @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation size, highest allocation size, maximum allowed, and percent used of the storage pool above the 16M line for SAA (saveareas) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1612I SAB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool below the 16m line for SAB (saveareas) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1613I AMB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for AMB (VTAM application related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1614I CCB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for CCB (conversation related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1615I DCB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for DCB (symbolic destination related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1616I JRE @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for JRE (Journal facility related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1618I ORE @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for ORE (operator communications related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1619I RCB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for RCB (related to MVS server and client regions) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1620I RPL @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for RPL (VTAM Request Parameter List) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1621I TPT @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for TPT (transaction program profile related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1622I UIB @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent used of the storage pool for UIB (User/Userid information related) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HC1HC1623I WRE @@ @@ @@ @@**

**Explanation:** This message is part of a message group which begins with message HC1610. This display shows the current allocation, highest allocation, maximum allowed, and percent

used of the storage pool for WRE (Work Request Elements, related to HCI internal scheduling of requests) control blocks.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1699E    @@ REFRESH IS NOT SUPPORTED UNDER BASE SERVICES CONTROL**

**Explanation:** This message indicates that the REFRESH command was entered, but since this HCI is running under the Base Services component of PD, that REFRESH is not supported.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1700I    @@ CONFIGURATION VALUES FROM MODULE @@ ARE NOW IN EFFECT**

**Explanation:** This message indicates that the configuration values which were specified in the module named in this message are now in effect.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1701E    @@ CONFIGURATION SUBSYSTEM MISMATCH. NEW SUBSYSTEM = @@**

**Explanation:** This message indicates that the configuration table just loaded specifies a subsystem id that is different from the subsystem id of the current HCI.

**System Action:** The REFRESH is ignored.

**User Response:** Insure that the correct HCI has been chosen for the REFRESH command. If so, reassemble the configuration module, specifying the correct subsystem ID.

**HCIHC1702I    @@ OPEN ACB INTERVAL CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the open acb interval has been changed. The old and the new values are displayed in decimal.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1703I    @@ MASTER INTERVAL CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the master interval has been changed. The old and the new values are displayed in decimal.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1704I    @@ DUMP UNIT NAME CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the dump unit name has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1705I    @@ DUMP VOLSER CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the dump volser has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1706I    @@ DUMP SYSOUT CLASS CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the dump sysout class has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1707I    @@ JES IDENTIFICATION CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the JES type specification has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1708I    @@ JES COMMAND CHARACTER CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the JES command character has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1709I    @@ DUMP DATA SET NAME CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the dump data set name has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1710I    @@ JOURNAL MASK CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the journal mask has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1711I    @@ JOBNAME PREFIX CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the jobname prefix has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1712I    @@ DEFAULT USERID CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the default userid has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1713I    @@ JES/3 MAIN NAME CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the JES/3 main name has been changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1714I    @@ JOURNAL ADDED. DDNAME=@@ DSNAME=@@**

**Explanation:** This message indicates that the a new journal data set has been added. The new DDNAME and the new DSNAME are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1715I    @@ NO CONFIGURATION CHANGES MADE TO RUNNING HCI**

**Explanation:** This message indicates that the new configuration module was loaded and was processed, but that there were either no differences found in it from the running configuration or the differences found were not eligible for dynamic refresh.

**System Action:** Processing continues.

User Response: None.

**HCIHC1716E    @@ MODULE @@ CONTAINING MESSAGE @@ NOT FOUND**

**Explanation:** This message indicates that the a call was made to display the message named, but the module that was supposed to contain this message did not exist in the HCI STEPLIB.

**System Action:** Processing continues.

**User Response:** Verify that the message ID is valid and insure that the module containing this message has been link edited into the STEPLIB data set.

**HCIHC1717E    @@ MESSAGE @@ NOT FOUND IN MODULE @@**

**Explanation:** This message indicates that the a call was made to display the message named, but that message was not found in the proper load module, also named.

**System Action:** Processing continues.

**User Response:** Verify that the message ID is valid and insure that the module containing this message has been link edited into the STEPLIB data set.

**HCIHC1718I    VARIABLE DATA = @@ @@ @@ @@**

**Explanation:** This message displays the variable data that was to be displayed in the message that could not be found, and which was described in message HC1716 or HC1717.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1719I    JOB NAME = @@ TP NAME = @@**

**Explanation:** This message indicates the tp name of the module who requested an invalid message, which was described in message HC1716 or HC1717.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1720I    @@ PARTNER LU NAME FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new PARTNER\_LU\_NAMES, which have been changed in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1721I    @@ MODE NAME FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new MODE NAMES, which have been changed in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1722I    @@ TP NAME FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new TP NAMES, which have been changed in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1723I    @@ MIN CONT WINNER FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new minimum contention winner session value in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1724I @@ MIN CONT LOSER FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new minimum contention loser session value in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1725I @@ LOCAL LU NAME FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new local lu names in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1726I @@ DEFAULT USERID FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and new USERIDs in the sit entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1727I @@ DEFAULT USERID FOR SYMDEST @@ HAS BEEN CHANGED**

**Explanation:** This message indicates that the default PASSWORD for the SYMDEST named in the message has been changed. The old and new passwords are not displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1728I @@ IP ADDRESS FOR SYMDEST @@ HAS CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the IP address for the SYMDEST named in the message has been changed. The old and new addresses are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1729I @@ PORT NUMBER FOR SYMDEST @@ HAS CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the IP port number for the SYMDEST named in the message has been changed. The old and new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1730I @@ TCP/IP NAME FOR SYMDEST @@ HAS CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the TCP/IP name for the SYMDEST named in the message has been changed. The old and new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1731I @@ MAX LU 6.2 SESS FOR SYMDEST @@ HAS CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the maximum number of lu 6.2 sessions for the SYMDEST named in this message has been changed. The old and new names are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1732E @@ CANNOT UPDATE/ADD SIT FOR SYMDEST @@ NO PCB FOR PORT @@**

**Explanation:** This message indicates that the a new sit entry was found in the configuration module, but that it contained a port number which did not have a corresponding PCB.

**System Action:** Processing continues.



User Response: None.

**HCIHC1733E    @@ CANNOT UPDATE/ADD SIT FOR SYMDEST @@. NO AMB FOR TCPNAME @@**

**Explanation:** This message indicates that the a new sit entry was found in the configuration module, but that it contained a TCP/IP name which did not have a corresponding AMB.

**System Action:** Processing continues.

User Response: None.

**HCIHC1734I    @@ NEW SIT ENTRY FOR SYMDEST @@ ADDED**

**Explanation:** This message indicates that the a new sit with the specified name has been added to the sit table.

**System Action:** Processing continues.

User Response: None.

**HCIHC1735I    @@ NEW AMB ENTRY FOR @@ NAMED @@ HAS BEEN ADDED**

**Explanation:** This message indicates that a new AMB with the indicated name fir the indicated protocol has been added to the running HCI.

**System Action:** Processing continues.

User Response: None.

**HCIHC1736I    @@ MEMBER NAME FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that member name for the indicated TP profile entry has been changed. The old and new values are displayed.

**System Action:** Processing continues.

User Response: None.

**HCIHC1737I    @@ MAX CONVERSATIONS FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that value representing the maximum number of conversations that a single instance of a TP can handle has changed. The old and new values are displayed.

**System Action:** Processing continues.

User Response: None.

**HCIHC1738I    @@ RECEIVE BUFFER FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that value representing the maximum receive buffer length for the specified TP has changed. the old and new values are displayed.

**System Action:** Processing continues.

User Response: None.

**HCIHC1739I    @@ MAX TP COUNT FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the value representing the maximum number of TP regions for the specified TP has changed. the old and new values are displayed.

**System Action:** Processing continues.

User Response: None.

**HCIHC1740I    @@ MAX SUBMIT TIME FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the value representing the maximum number of seconds a TP may remain pending submit has changed. The old and the new values are displayed.

**System Action:** Processing continues.

User Response: None.

**HCIHC1741I    @@ MAX START TIME FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the value representing the maximum number of seconds a TP may remain pending start has changed. The old and the new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1742I    @@ JOBNAME PREFIX FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the JOBNAME prefix for the indicated TP has changed. The old and new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1743I    @@ NEW TPT ENTRY FOR TP NAME @@ ADDED**

**Explanation:** This message indicates that the TPT entry for the specified TPNAME has been added to the running HCI.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1744I    @@ TP NAME FOR PCB PORT @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that the TPNAME specification in the indicated PCB has been changed. The old and new values are given.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1745I    @@ NEW PCB ENTRY FOR PORT @@ ADDED**

**Explanation:** This message indicates that the new PCB with the specified PORT number has been added to the running HCI.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1746E    @@ CANNOT ADD PCB FOR PORT @@. NO AMB FOR TCPNAME @@**

**Explanation:** This message indicates that a new PCB was specified in the configuration module, but that there is no AMB with a matching TCPNAME. The PCB is not added.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1747E    @@ CANNOT ADD PCB FOR PORT @@. NO TPT FOR TPNAME @@**

**Explanation:** This message indicates that a new PCB was specified in the configuration module, but that there is no TPT entry with a matching TPNAME. The PCB is not added.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1748E    @@ UNABLE TO LOAD MODULE @@ FROM FDBDRPL DD CONCATENATION**

**Explanation:** This message indicates that in response to an operator entered "REFRESH xxxxxxxx" command, the module named in the command was not found in the FDBDRPL DD data set concatenation.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1749I    @@ PASSWORD FOR TCPACCESS AMB @@ HAS BEEN CHANGED**

**Explanation:** This message indicates that in response to an operator entered "REFRESH xxxxxxxx" command, the password in the TCPACCESS AMB was changed. The passwords are not displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1750E    @@ CHANGING TCP/IP ACCESS METHODS FOR @@ IS NOT SUPPORTED**

**Explanation:** This message indicates that in response to an operator entered "REFRESH xxxxxxxx" command, the AMB entry in the running system was not changed because to do so would change the access method. This change is not allowed in a dynamic refresh.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1751I    @@ ALIAS NAME FOR TP @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates that alias name for the indicated TP profile entry has been changed. The old and new values are displayed.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1752I    @@ TP @@ HAS BEEN MADE AN ALIAS FOR TP @@**

**Explanation:** This message indicates that the tp named has become an alias tp. Previously, it was a real tp entry.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1753I    @@ REAL TP @@ DOES NOT EXIST TO BE ALIAS FOR @@**

**Explanation:** This message indicates that an alias name for a tp was entered, but the named tp does not exist.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1754I    @@ ALIAS @@ REMOVED FROM TP @@**

**Explanation:** This message indicates that the tp named has become a real tp. Previously, it was an alias tp entry.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1755I    @@ IP NAME FOR SYMDEST @@ CHANGED FROM @@ TO @@**

**Explanation:** This message indicates the old and the new IP NAMES, which have been changed in the SIT entry named by the specified SYMDEST.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1811I    @@ HCIPSchg PASSWORD MAINTENANCE STARTED**

**Explanation:** This message is the first message displayed by the internal TP, HCIPSchg. This message indicates that communication with a remote partner APING program has started.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1812I    @@ HCIPSchg PASSWORD MAINTENANCE ENDED**

**Explanation:** This message is the last message displayed by the internal TP, HCIPSchg. This message indicates that communication with a remote partner APING program has ended.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1813I    @@ HCIPSCHG SESSION WITH @@ STARTED**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIPSCHG. This message indicates that a session with the partner LU named has started.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1814I    @@ HCIPSCHG SESSION WITH @@ ENDED @@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIPSCHG. This message indicates that the session with the partner LU named has ended.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1815I    @@@ HCIPSCHG MESSAGES READ @@@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIPSCHG. This message indicates the number of messages read from the partner LU.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1816I    @@@ HCIPSCHG MESSAGES WRITTEN @@@**

**Explanation:** This message is part of the messages displayed by the internal TP, HCIPSCHG. This message indicates the number of messages written to the partner LU.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC1999I    @@@ END OF DISPLAY**

**Explanation:** This message is written at the end of Operator DISPLAY command processing. It serves to close the message group which displayed the information requested in the operator command.

**System Action:** Processing continues.

**User Response:** None.

**HCIHC9000I    @@@ SUBSYSTEM @@@ HAS ENDED**

**Explanation:** This message is displayed by the Subsystem named, when it has determined that all the application programs, and the HCI itself, have ended, and services of this Subsystem are no longer required. The Subsystem releases all storage allocated to it and terminates. Note that this message can be displayed even though the HCI is no longer active. The Subsystem remains active even after the HCI has ended.

**System Action:** Processing continues.

**User Response:** None.

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